

Python Developer

Candidate-ID	0012500075
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Source	Careers

Screening Test

Completed on : 12-Nov-2025 10:36 AM

#	Question	Response	Marks
1	Do you have professional experience between 0 to 2 years?	No	0
2	Would you be open to relocating to Hyderabad?	Yes	1
3	Do you have experience in performance optimization and debugging?	Yes	1
4*	Explain about yourself why you are the right candidate for this Job	video response	1
5	Are you, willing to work on-premises (there is no work from home)	Yes	1
6	Are you, available immediately to join us, if we hire you	Yes	1
7	if we hire you, will you be prepared to stay and work with us at least for two years	Yes	1
8	Are you open to traveling for work when necessary, either domestically or internationally?	Yes	1
9	Are you familiar with Agile methodologies, including Scrum or Kanban?	Yes	1
10	Have you recently completed your education and training, and there no is major Gap (more then one year after the education)	Yes	1

Overall Score : 9/10 (Promoted)

Coding Test

Completed on : 12-Nov-2025 03:36 PM

1. Write a program to return words to any given number ?(Ex. for input 150 output has to be One hundred fifty only)

```
class NumberToWordsConverter:
    def __init__(self):
        self.units=["","one","Two","Three","Four","Five","Six","Seven","Eight","Nine"]
        self.teens=["Ten","Eleven","Twelve","Thirteen","Fourteen","Fifteen","Sixteen","Seventeen","Eighteen","Nineteen"]
        self.tens=["","Twenty","Thirty","Forty","Fifty","Sixty","Seventy","Eighty","Ninety"]

    def number_to_words(self, num):
        if num==0:
            return "Zero"
        elif num<10:
            return self.units[num]
        elif 10<= num < 20:
            return self.teens[num-10]
        elif 20 <= num <100:
            return self.tens[num //10]+("" if num % 10==0 else " "+self.units[num % 10])
        elif 100 <=num < 1000:
            hundreds =self.units[num // 100]+ " hundred"
            remainder = num % 100
            if remainder == 0:
                return hundreds
            else:
                return hundreds+ " "+ self.number_to_words(remainder)
        elif 1000 <= num <10000:
            thousands=self.units[num//1000]+" thousand"
            remainder=num % 1000
            if remainder==0:
                return thousands
            else:
                return thousands+" "+self.number_to_words(remainder)
        else:
            return "Number out of supported range"

# Your code here
def converter_and_format(self, num):
    result= self.number_to_words(num).strip()
    # Capitalize first letter and conditionally append "only"
    result=result[0].upper()+result[1:].lower()
    result += " only"
    return result

converter=NumberToWordsConverter()
num=150
print(converter.converter_and_format(num))
```

Marks Scored : 0/5

2. Exercise : An incomplete shopping cart program is provided for you to complete it, expected implementation is adding items, removing items and calculating the total value. Methods to be Implanted. 1. add_item(self, item_name, qty, price) function. 2. remove_item(self, item_name). 3. calculate_total(self).

```
class ShoppingCart:
    def __init__(self):
        self.cart= {}

    def add_item(self, item_name, qty, price):
        #implement your code here
        if item_name in self.cart:
            self.cart[item_name]['quantity'] += qty
            self.cart[item_name]['price']=price
        else:
            self.items[item_name] = {'quantity': qty, 'price': price}
            print(f"Added {qty} of {item_name} at ${price} each to the cart.")
            #self.calculate_total()

    def remove_item(self, item_name):
        # implement code for remove item here
        if item_name in self.cart:
            del self.cart[item_name]
            print(f"Removed {item_name} from the cart.")
        else:
            print(f"{item_name} not found in the cart.")

    def calculate_total(self):
        total=sum(item['quantity'] * item['price']for item in self.cart.values())
        print(f"Total cost: ${total: .2f}")
        return total

cart=ShoppingCart()
cart.calculate_total()
```

Marks Scored : 0/5

3. Write a program to identify and return the smallest and largest number from given series of numbers, Note: Don't to use library functions min and max and sort and sorted in the code, it is expected that you write your own algorithm to identify and return the smallest and largest number, Please return the values in format (smallest,largest), Given array : [56,4,48,2,75,35,45,63,500,8,20,452,324] Example : (2 , 500)

```
class NumberAnalyzer:
    def __init__(self, numbers):
        self.numbers = numbers

    def find_smallest_and_largest(self):
        #implement your code here
        smallest = self.numbers[0]
        largest = self.numbers[0]
        for num in self.numbers:
            if num < smallest:
                smallest = num
            if num > largest:
```

```

largest = num
return (smallest, largest)

# Given array
array = [56, 4, 48, 2, 75, 35, 45, 63, 500, 8, 20, 452, 324]

# Create an instance of NumberAnalyzer
analyzer = NumberAnalyzer(array)

# Find smallest and largest
result = analyzer.find_smallest_and_largest()
print(result)

```

Marks Scored : 5/5

Overall Score : 5/15 (Failed)

Interview

Interviewed on : 18-Nov-2025 11:30 AM

Interviewd by : Srinivas Gadepalli

Interview Summary

Virtual Environments	1.0
Average interview rating	1.0

Question wise rating:

Virtual Environments	
Can you explain how virtual environments works in Python?	1
How does virtual environments relate to other core Python concepts?	1
Average rating	1.0

Interviewer Remarks:

No Remarks

Interviewer's Feedback:

Interviewer	Decision	Notes
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Srinivas Gadepalli	Not Hire	She is not really ready on python, she needs training
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