

Python Developer

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Screening Test

Completed on : 28-Jan-2026 06:50 PM

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

Overall Score : 10/10 (Promoted)

Coding Test

Completed on : 03-Feb-2026 11:00 AM

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):
        # Define words for different ranges
        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 convert_to_words(self, number):
        if number == 0:
            return "Zero"
        elif number < 10:
            return self.units[number]
        elif 10 <= number < 20:
            return self.teens[number - 10]
        elif 20 <= number < 100:
            return self.tens[number // 10] + (" " if number % 10 == 0 else " " + self.units[number % 10])
        elif 100 <= number < 1000:
            hundreds = self.units[number // 100] + " Hundred"
            remainder = number % 100
            if remainder == 0:
                return hundreds
            else:
                return hundreds + " " + self.convert_to_words(remainder)

converter = NumberToWordsConverter()
print(converter.convert_to_words(150))
```

Marks Scored : 5/5

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):
        if item_name in self.cart:
            self.cart[item_name]['quantity'] += qty
            self.cart[item_name]['price'] = price
        else:
            self.cart[item_name] = {'quantity': qty, 'price': price}
            print(f" Added {qty} of {item_name} at ${price} each to the cart.")
```

```
def remove_item(self, item_name):
    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 : 5/5

3. write a python program for identification of largest number with-out using built-in function max ?

```
class LargestNumberFinder:
    def __init__(self, numbers):
        self.numbers = numbers
        # Your code here

    return largest

# Example usage
numbers = [3, 7, 2, 8, 4, 10, 6]
finder = LargestNumberFinder(numbers)
print("The largest number is:", finder.find_largest())
```

Marks Scored : 0/5

Overall Score : 10/15 (Promoted)