

Python Developer

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Screening Test

Completed on : 20-Mar-2026 05:01 PM

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

Overall Score : 10/10 (Promoted)

Coding Test

Completed on : 20-Mar-2026 05:02 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):
        # 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 Implemented. 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.items = []

    def add_item(self, item_name, qty, price):
        #implement your code here

    def remove_item(self, item_name):
        # implement code for remove item here
```

```
def calculate_total(self):
    total = 0
    # implement code for total cost calculations here
    return total

def get_items(self):
    return {item[0]: item[1] for item in self.items}

def get_item_total(self):
    total = self.calculate_total()
    return 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 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
        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 : 0/5

Overall Score : 5/15 (Failed)

Interview

Interviewed on : 22-Mar-2026 10:30 AM

Interviewd by : Srinivas Gadepalli

Interview Summary

Code Optimization

2.0

Average interview rating	2.0
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Question wise rating:

Code Optimization	
What is code optimization in best practices?	2
Average rating	2.0

Interviewer Remarks:

No Remarks

Interviewer's Feedback:

Interviewer	Decision	Notes
Srinivas Gadepalli	Not Hire	improve communication