

# **Task 5:Student Placement Round Eligibility**

## **Problem:**

Student Placement Round Eligibility check using Class.methods,loop statement,conditional statement,operators.

## **Solution:**

```
class Eligible:  
    def __init__(self,percent_li):  
        self.percent_li=percent_li  
        self.rnd=[]  
  
    def rounds(self):  
        for i in percent_li:  
            if i<=70:  
                self.rnd.append('NA')  
            elif 70<i<=85:  
                self.rnd.append('3R')  
            elif i>85:  
                self.rnd.append('1R')  
            else:
```

```
    self.rnd.append('Invalid Percentage')  
  
return self.rnd
```

```
n=int(input('Enter the Number of students:'))  
print('Enter:',n,'entries to calculate')  
percent_li=[]  
for i in range(n):  
    percent_li.append(float(input('Enter Percentage:')))  
eligible=Eligible(percent_li)  
tot_li=eligible.rounds()  
print('Final Round List:',tot_li)
```

## **Output:**

Enter the Number of students: 3

Enter: 3 entries to calculate

Enter Percentage: 70

Enter Percentage: 80

Enter Percentage: 50

Final Round List: ['NA', '3R', 'NA']