

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']