

TASK 5 - Student placement round eligibility check using class, methods, loop statement, conditional statement, operators :

PROGRAM :

```
class EligibilityRound:
```

```
    def __init__(self, percent_li):
```

```
        self.percent_li = percent_li
```

```
        self.total_round_li = []
```

```
    def get_total_round(self):
```

```
        for percent in self.percent_li:
```

```
            if percent <= 70:
```

```
                self.total_round_li.append('NA')
```

```
            elif percent > 70 and percent < 85:
```

```
                self.total_round_li.append('3R')
```

```
            elif percent >= 85 and percent <= 100:
```

```
                self.total_round_li.append('1R')
```

```
        else:
```

```
            self.total_round_li.append('Invalid percentage')
```

```
return self.total_round_li
```

```
number_of_marks = int(input("Enter the number of students: "))
```

```
print("Enter", number_of_marks, "entries to calculate!")
```

```
percent_li = []
```

```
for i in range(number_of_marks):
```

```
    u_ip = float(input("Enter value: "))
```

```
    percent_li.append(u_ip)
```

```
eligibility_round = EligibilityRound(percent_li)
```

```
total_round_li = eligibility_round.get_total_round()
```

```
print("Final Round Details:", total_round_li)
```

OUTPUT :

Enter the number of students: 6

Enter 6 entries to calculate!

Enter value: 60

Enter value: 73

Enter value: 78

Enter value: 86

Enter value: 79

Enter value: 92

Final Round Details: ['NA', '3R', '3R', '1R', '3R', '1R']

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