

Problems On Loops Tasks

1. Print reverse of a string(without built in function).

```
def reverse_string(string):  
    reversed_string=""  
    for i in string:  
        reversed_string=i+reversed_string  
    return reversed_string  
print(reverse_string('priyanka'))
```

2. Average of marks of five students.

```
marks=[400, 450, 530, 550, 570]  
  
def average_marks(marks):  
    total=0  
    count=0  
    for i in marks:  
        total=total+i  
        count+=1  
    average=total/count  
    return average  
print(average_marks([400, 450, 530, 550, 570]))
```

3 check whether the given sides form a triangle or not:a=5, b=5, c=5(Triangle rule: sum of any two sides is greater than the third side)

```
def triangle(a,b,c):  
    is_triangle=(a+b>c) and (a+c>b) and (b+c>a)  
    print('forms the triangle:',is_triangle)  
    if a==b==c:  
        print('equilateral triangle')  
    elif a==b or b==c or a==c:  
        print('isosceles triangle')  
    else:  
        print('scalane triangle')  
triangle(5,5,5)
```