

Assignment 6_python

March 5, 2023

q1.ans :=

```
[3]: marks=int(input('please enter percentage'))
    if marks>90:
        print('Grade A')
    elif marks >80 and marks<=90:
        print('Grade B')
    elif marks >=60 and marks<=80:
        print('Grade C')
    else:
        print('Grade D')
```

please enter percentage 95

Grade A

q2.ans:=

```
[4]: cost_price=int(input('please enter cost_price of bike'))
    if cost_price>100000:
        print('15%')
    elif cost_price >50000 and marks<=100000:
        print('10%')
    elif cost_price <=50000:
        print('5%')
```

please enter cost_price of bike 200000

15%

q3.ans:-

```
[9]: city=input('please enter city name')
    if city=='Delhi':
        print('Red Fort')
    elif city=='Agra':
        print('Taj Mahal')
    elif city=='Jaipur':
        print('Jai Mahal')
```

please enter city name Agra

Taj Mahal

q4.ans:-

```
[1]: def div(n):  
      while n >= 0:  
          n / 3  
      return n
```

```
[ ]: div(6)
```

q5.ans:- while loop used when it used for firstly checked condition true or false

```
[1]: number=int(input('enter any number'))  
fact=1  
while number>0:  
    fact=fact*number  
    number=number-1  
fact
```

enter any number 3

```
[1]: 6
```

q7.ans:-

```
[1]: a=10  
while a>=1:  
    print(a)  
    a=a-1
```

10
9
8
7
6
5
4
3
2
1

```
[ ]:
```