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# Question 1)
# use ifelse and elif to write a program in python for your report cards
marks=int(input('enter your marks:'))
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num=marks
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if num >= 80:
    print('Grade A')
elif num <= 80:
    print('Grade B')
elif num <= 60:
    print('Grade c')
else:
    print('fail')
```

```
enter your marks:70
Grade B
```

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# Question 2)
# use for loop to print prime numbers in between 1 to 100
for number in range(1,1001):
    count=0
    for i in range(2,(number//2+1)):
        if (number%i==0):
            count= count + 1
            break
    if(count==0 and number!=1):
        print("%d"%number,end='')
```

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# Question 3)
# write a programme for printing the tables from 1,10 using nested for loop
num=6
for i in range(1,11):
    print(num,'x',i, '=',num*i)
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6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
```

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# Question 4)
# write a programme to print X prime numbers using while loop starting from 0,and take the in
x= int(input(" enter a number"))
count=0
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count=0
i=2
while(i <= x//2):
    if(num%i==0):
        count=count+1
        break
i=i+1
if(count==0 and x!=1):
    print ("%d is a prime number" %x)
else:
    print ("%d is not a prime number" %x)

    enter a number5
    5 is not a prime number
```