



Control Flow

conditional-Statements *if *if-else *if-elif-else *nested if-else

transfer *Break *continue *pass

Iterative Statements *for *while

-Conditional Statement

write a program to calculate the percentage of a student in the subjects maths
social science english and hindi

```
In [15]: x =input ("Enter the name of Student")
math_marks= int(input("Enter the scored marks in maths"))
science_marks=int(input("Enter the scored marks in science"))
hindi_marks=int(input("Enter the scored marks in Hindi"))
english_marks=int(input("Enter the scored marks in English"))
social=int(input("Enter the scored marks in social"))
sum=math_marks+ science_marks+hindi_marks+english_marks+social
if sum>300:
    print("Marks of each subject should be less than 60")

else:
    percentage=((sum)/300)*100
    print(x, "Percentage is",percentage,"%")
    if percentage>=90:
        print("Student got Grade A")
    elif percentage>=80:
        print("Student got Grade B")
    elif percentage>=70:
        print("Student got Grade C")
    elif percentage>=60:
        print("student got Grade D")
    elif percentage>=50:
        print("student got Grade E")
    else:
        print("student got Grade F")
```

Marks of each subject should be less than 60

if-else Statement

```
In [6]: city=input("Enter the City")
if city == "Delhi":
    print("Red Fort")
elif city == "Agra":
    print("Taj Mehal")
elif city == "Jaipur":
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    print("Jal Mehal")
elif city == "Orissa" :
    print("Konak Temple")
elif city == "Hyderabad":
    print("Charminar")
else:
    print("Record not found ! please enter valid city")
```

Red Fort

In []: