if condition

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

```python
In [1]: x=input("enter the name of student ")
        a=int(input("enter the marks scored in english"))
        b=int(input("enter the marks scored in hindi"))
        c=int(input("enter the marks scored in maths"))
        d=int(input("enter the marks scored in social"))
        e=int(input("enter the marks scored in science"))
        n=((a+b+c+d+e)/500)*100
        print("the percent stored by student is",n)
```

```
enter the name of student alka
enter the marks scored in english89
enter the marks scored in hindi67
enter the marks scored in maths78
enter the marks scored in social8
enter the marks scored in science78
the percent stored by student is 64.0
```

```python
In [2]: a= int(input("enter the percentage stored by a student"))
        if a>=90:
            print("A grade")
        if a>=75 and a<90:
            print("B grade")
        if a>=65 and c<75:
            print("c grade")
```

```
enter the percentage stored by a student67
```

if else statement

write a program to display hello if number entered by user is multiple of 5 else print bye.

```python
In [3]: a=int(input("enter the number"))
        if a%5==0:
            print("positive number")
        else:
            print("negative number")
```

```
enter the number56
negative number
```

if - elif - else

accept the city and print its monument Delhi-RED FORT

AGRA-TAJMAHAL

JAIPUR=JALMAHAL

ORISSA-KONAK TEMPLE

HYDERABAD-CHARMINAR

OTHER-RECORD AND NOT FOUND

In [8]:
```python
city=input("enter the city")
if city=="Delhi":
    print("the monumnet in delhi is redfrot")
elif city==agra:
    print("the monument in agra is tajmahal")
elif city=="jaypur":
    print("the monument in orissa is konak temple")
else:
    print("no record found")
```

```
enter the cityDelhi
the monumnet in delhi is redfrot
```

In [ ]: