```python
n=int(input())
if n%2!=0:
    print("Weird")
elif n>=2 and n<=5:
    print("Not Weird")
elif n>=6 and n<=20:
    print("Weird")
else:
    print("Not Weird")
```

Q2. Write a program to accept the cost price of a bike and display the road tax to be paid according to the following criteria :

Cost price (in Rs)	Tax
> 100000	15 %
> 50000 and <= 100000	10%
<= 50000	5%

```python
cost=int(input("Enter Bike Cost "))
if cost>100000:
    tax=cost*15/100
elif cost>50000 and cost<=100000:
    tax=cost*10/100
elif cost<=50000:
    tax=cost*5/100

print(f'Bike Cost {cost}')
print(f'Road Tax {tax}')
```

Q3. A company decided to give bonus to employee according to following criteria:

Time period of Service	Bonus
More than 10 years	10%
>=6 and <=10	8%
Less than 6 years	5%

Ask user for their salary and years of service and print the net bonus amount.

```python
salary=int(input("Enter Salary "))
service=int(input("Enter Service "))
if service>10:
    bonus=salary*10/100
elif service>=6 and service<=10:
    bonus=salary*8/100
else:
    bonus=salary*5/100


print(f'Salary {salary}')
print(f'Service {service}')
print(f'Bonus {bonus}')
```

Q4. Accept the marked price from the user and calculate the Net amount as(Marked Price –   Discount) to pay according to following criteria:

Marked Price	Discount
>10000	20%
>7000 and <=10000	15%
<=7000	10%

```python
price=int(input("Price "))
```

```python
if price>10000:
    dis=price*20/100
elif price>7000 and price<=10000:
    dis=price*15/100
else:
    dis=price*10/100

net_amount=price-dis
print(f'Price {price}')
print(f'Discount Amount {dis}')
print(f'Net Amount {net_amount}')
```

Example:
```python
# Write a program to find max of 3 numbers

n1=int(input("Enter First Number "))
n2=int(input("Enter Second Number "))
n3=int(input("Enter Third Number "))
if n1==n2==n3:
    print("Equal")
elif n1>=n2 and n1>=n3:
    print(f'{n1} is max')
elif n2>=n1 and n2>=n3:
    print(f'{n2} is max')
elif n3>=n1 and n3>=n2:
    print(f'{n3} is max')
```

Output
Enter First Number 10
Enter Second Number 20
Enter Third Number 5
20 is max

Nested if
Nested means within
If followed by if is called nested (OR) defining if inside if is called nested if.

Syntax:

```
If condition1:
   If condition2:
      Statement-1
   else:
      Statement-2
else:
   statement-3
```

if condition1,condition2 are True, Python execute Statement-1
if condition1 is True, condition2 is False python execute statement-2
if copndition1 is False, python executes statement-3

Example:
```
# Login Application

uname=input("UserName :")
pwd=input("Password :")

if uname=="nit":
   if pwd=="n123":
      print("Welcome")
   else:
      print("Invalid Password")
else:
   print("Invalid Username")
```

Output
UserName :abc
Password :n123
Invalid Username