Name: - L Prathyusha

Flow statements

If-Else

In [2]:

```python
brand=input("enter your favourite brand")
if brand=="RC":
    print("it is childrens brand")
elif brand=="KF":
    print("it is not that much kick")
elif brand=="FO":
    print("buy one get one free")
else:
    print("other brands are not recommended")
```

```
enter your favourite brandRC
it is childrens brand
```

write a program to take single digit number

In [ ]:

```python
0==>ZERO
1==>ONE

n=int(input("enter a digit from 0 to 9:"))
if n==0:
    print("ZERO")
elif n==1:
    print("ONE")
elif n==2:
    print("TWO")
elif n==3:
    print("THREE")
elif n==4:
    print("FOUR")
elif n==5:
    print("FIVE")
elif n==6:
    print("SIX")
elif n==7:
    print("SEVEN")
elif n==8:
    print("EIGHT")
elif n==9:
    print("NINE")
else:
    print("please enter a digit from 0 to 9")
```

To print characters present in string index wise

In [4]:

```python
s=input("enter some string:")
i=0
for x in s:
    print("the character present at",i,"index is:", x)
    i=i+1
```

```
enter some string:22
the character present at 0 index is: 2
the character present at 1 index is: 2
```

In [5]:

```python
for x in range(10):
    print("hello")
```

```
hello
hello
hello
hello
hello
hello
hello
hello
hello
hello
```

In [6]:

```python
for x in range(11):
    print(x)
```

```
0
1
2
3
4
5
6
7
8
9
10
```

WHILE LOOP

In [7]:

```python
x=1
while x<=10:
    print(x)
    x=x+1
```

```
1
2
3
4
5
6
7
8
9
10
```

To display the sum of first n numbers

In [9]:

```python
n= int(input("enter number:"))
sum=0
i=1
while i<=n:
    sum=sum+1
    i=i+1

print("the sum of first",n,"numbers is:", sum)
```

```
enter number:11
the sum of first 11 numbers is: 11
```

Break

In [10]:

```python
for i in range(10):
    if i==7:
        print("processing is enough..please break")
        break
    print(i)
```

```
0
1
2
3
4
5
6
processing is enough..please break
```

Continue

In [11]:

```python
for i in range(10):
    if i%2==0:
        continue
    print(i)
```

```
1
3
5
7
9
```

In [12]:

```python
numbers=[10,20,0,4,7,8,9,10]
for n in numbers:
    if n==0:
        print("hey how we can divide with zero.... just skipping")
        continue
    print("100/{}={}")
```

```
100/{}={}
100/{}={}
hey how we can divide with zero.... just skipping
100/{}={}
100/{}={}
100/{}={}
100/{}={}
100/{}={}
```

loops with else block

In [ ]:

```python
cart=[10,20,30,40,50]
for item in cart:
    if item>=500:
        print("we cannot process this order")
        break
    print(item)
else
print("done")
```

PASS STATEMENT

In [14]:

```python
for i in range(100):
    if i%9==0:
        print(i)
    else:pass
```

```
0
9
18
27
36
45
54
63
72
81
90
99
```

In [ ]: