

```
In [2]: try:
        print(x)
    except:
        print("expect function has printed")
```

expect function has printed

```
In [3]: try:
        print(x)
    except NameError:
        print("the variable x is not defined")
    except:
        print("something went wrong")
```

the variable x is not defined

```
In [5]: try:
        print(x)
    except:
        print("something went wrong")
    else:
        print("nothing went wrong")
```

something went wrong

```
In [6]: x=3
    try:
        print(x*5)
    except:
        print("something went wrong")
    else:
        print("nothing went wrong")
```

15
nothing went wrong

```
In [7]: x=3
    try:
        print(x*5)
    except:
        print("something went wrong")
    finally:
        print("i dont know the error")
```

15
i dont know the error

In [8]:

```
try:
    print(x*5)
except:
    print("something went wrong")
finally:
    print("i dont know the error")
```

15

i dont know the error

In [15]:

```
x=(input("enter any int"))
y=int(x)
i=1
while(i<10)
print(y*i)
```

File "<ipython-input-15-7ae9e33290ca>", line 4

for i<=1:,i>10:,i++:

^

SyntaxError: invalid syntax

In [14]:

```
i=1
for i in range (11):
    print ("10 x ",i,"=", (10*i))
    i=i+1
```

10 x 0 = 0

10 x 1 = 10

10 x 2 = 20

10 x 3 = 30

10 x 4 = 40

10 x 5 = 50

10 x 6 = 60

10 x 7 = 70

10 x 8 = 80

10 x 9 = 90

10 x 10 = 100

```
In [21]: x=int(input("enter your roll no:"))

if type(x) is str:
    raise TypeError("type is str format")
```

enter your roll no:aa

```
-----
ValueError                                Traceback (most recent call last)
<ipython-input-21-84987e45288f> in <module>
----> 1 x=int(input("enter your roll no:"))
      2
      3 if type(x) is str:
      4     raise TypeError("type is str format")
      5
```

ValueError: invalid literal for int() with base 10: 'aa'

```
In [27]: x=int(input("enter any no"))
i=1
for i in range (11):
    print(x, "x", i, "=", (x*i))
    i=i+1
```

enter any no:8

```
8 x 0 = 0
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
```

```
In [28]: x=int(input("enter your roll no:"))

if not type(x) is int:
    raise TypeError("type is str format")
```

enter your roll no:55

```
In [30]: x=open("myfile.txt","rt")
print(x.read())
```

this is my text document

```
In [31]: x=open("myfile.txt","rt")
print(x.read(15))
```

this is my text

```
In [36]: x=open("myfile.txt","rt")
print(x.readline())
print(x.readline())
x.close()
```

1 this is my text document

2 this is my text document

```
In [46]: x=open("myfile.txt","a")

x.write("this is file handling")
```

Out[46]: 21

```
In [44]: x=open("myfile3","x");
x.write("this is my new file")
x.close()
```

```
In [49]: x=open("oops.txt","a")

x.write("this is fileaaaaa handling")
```

Out[49]: 26

```
In [50]: x=open("oops.txt")
x.read()
```

Out[50]: 'this is file handlingthis is file handlingthis is file handlingthis is file handlingthis is file handlingthis is fileaaaaa handling'

In []: