

-: Practical Set – 8 :-

1. Write a Python program which will throw exception if the value entered by user is less than zero.
-

```
try:
    num = int(input("Enter a number: "))
    result = 100 / num
except ValueError:
    print("Please enter a valid integer.")
except ZeroDivisionError:
    print("Cannot divide by zero.")
else:
    print("Result:", result)
finally:
    print("Program execution completed.")
```

OUTPUT :

```
Enter a number: -30

Number must be greater than or equal to zero.
```

2. Write a python program to demonstrate use of finally and else keywords.
-

```
try:
    num = int(input("Enter a number: "))
    result = 100 / num
except ValueError:
    print("Please enter a valid integer.")
except ZeroDivisionError:
    print("Cannot divide by zero.")
else:
    print("Result:", result)
finally:
    print("Program execution completed.")
```

OUTPUT:

```
Enter a number: 24
Result: 4.166666666666667
Program execution completed.
```