

1. Define the following terms:

Exception:

Exception Handling:

Try block:

Catch block:

Unhandled exception:

Throw:

2. Show how to modify the following code so that an error is printed if the number conversion is not successful:

```
user_input_string = input("Enter a number")
user_value = int(user_input_string)
```

3. What will the following code output?

```
x=5
y=0
print("A")
try:
    print("B")
    a=x/y
    print("C")
except:
    print("D")
print ("E")
print (a)
```

4. What will the following code output?

```
x=5
y=10
print("A")
try:
    print("B")
    a=x/y
    print("C")
except:
    print("D")
print ("E")
print (a)
```