

CHANDIGARH UNIVERSITY

UIC

OOPs LAB PRACTICAL

Practical No. – 7.(ii)

Name :- Amar Preet Das

Section :- 19BCA2-A

Group :- II

UID :- 19BCA1129

Submitted to:- Prof. Dr Kirti Walia

Practical 7.ii)

(ii) Perform multiple exception handling

Ans)

```
#include <iostream>
```

```
using namespace std;
```

```
void fun(int x){ //creating function or try and catch block
```

```
    try{ //using try block where exception can be generated
```

```
        if( x == 50 ){
```

```
            cout<<endl<<"Number is 50: NO EXCEPTION"<<endl; //No Exception case
```

```
        }
```

```
        else if( x > 10 ){
```

```
            throw(x); //using throw for integer value
```

```
        }
```

```
        else if( x == 0 ){
```

```
            throw 'x'; //using throw for character value
```

```
        }
```

```
        else{
```

```
            throw(5.6); //using throw for double value
```

```
        }
```

```
    }
```

```
    catch(int x){ //catching int value
```

```
        cout<<"Exception: Number is greater than 10, & is: "<<x<<endl;
```

```
    }
```

```
    catch(char x){ //catching char value
```

```
        cout<<"character Exception caught: "<<x<<endl;
```

```
    }
```

```
    catch(double x){ //catching double value
```

```

        cout<<"float Exception caught: "<<x<<endl;

    }

}

int main() {

    cout<<endl<<"Performing multiple exception handling: "<<endl;

    //calling function with different entries

    fun(50);

    fun(20);

    fun(0);

    fun(5.6);

    return 0;

}

```

OUTPUT:-

