

Computer Programming Paradigm Lab

Experiment No 9

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Batch B

Aim: Implement Exception handling in C++.

Problem Statement: Find the sum of given numbers given in by the user during runtime.

Terminate the

input when -99 is received as input. Demonstrate exception handling, by throwing an exception when -99 is received as input and handle it.

Code:

```
#include <iostream>
using namespace std;

int main()
{
    int x,i,sum=0;
    cout<<"Vedang Khandagale D10A 28"<<endl;
    cout<<"enter no"<<endl;
    cin>>x;
    try {

        if (x== -99)
        {
            throw x;
            cout << "After throw (Never executed) \n";
        }

    }
    catch (int x ) {
        cout << "Exception Caught \n";
    }

    for(i=0;i<=x;i++)
    {
```

```
    sum=sum+i;
}
cout<<sum;
return 0;
}
```

Output:

Output

```
/tmp/C5qaFfCfow.o
Vedang Khandagale D10A 28
enter no
-99
Exception Caught
0
```

Output

```
/tmp/C5qaFfCfow.o
Vedang Khandagale D10A 28
enter no
7
28
```