

Write an ap
Requirement Tag
EXC/01
EXC/02

application in C++ using appropriate exceptions. Perform the given operations

Requirement Description

Read and fill a string array with atleast 2 inputs from command line.
Incase of incorrect number of arguments(less), throw an exception with error message as "Insufficient arguments. Enter atleast 2 or more strings", catch and handle this exception.

Prompt, read an index, fetch the string at given index from string array. If index is invalid raise an overflow or underflow error

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```
#include<iostream>
#include<cstring>

using namespace std;
int main(int argc,char *argv[])
{
    int i;
    try
    {
        if(argc>=2)
        {
            for(i=0;i<argc;i++)
            {
                printf("arg[%d]=%s\n",i,argv[i]);
            }
        }
        else
        {
            throw argc;
        }
    }
    catch(int argc)
    {
        cout<<"error message:Insufficient arguments"<<endl;
    }
    return 0;
}
```

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```
chaithra@INLEN6239008904:~$ vi argument.cpp
chaithra@INLEN6239008904:~$ g++ argument.cpp
chaithra@INLEN6239008904:~$ ./main
Enter email IDs
username:
chaithravijay
domainname:
@gmail.com
hostname:
.com
Invalid email Id
chaithra@INLEN6239008904:~$ g++ argument.cpp -o main
chaithra@INLEN6239008904:~$ ./main
error message:Insufficient arguments
chaithra@INLEN6239008904:~$ ./main chaithra vijay
arg[0]=./main
arg[1]=chaithra
arg[2]=vijay
chaithra@INLEN6239008904:~$ _
```

erations.
Comments
Hint: Use throw(<msg>) to raise an exception with string message

```
nd1;
```

