PROGRAM-30

AIM: write a program to raise an exception if any attempt is made to refer to an element whose index is beyond the array size.

CODE:

```cpp
#include<iostream>
#include<stdexcept>
using namespace std;
int main(){
    int i,size;
    cout<<"the i is \n";
    cin>>i;
    cout<<"the enter size\n";
    cin>>size;
    int a[i];
    try{
     if(i==size){
        cout<<"enter the element \n"<<endl;
        for(int j=0;j<i;i++){
           cin>>a[j];
           return 0;
         }
     }
     else{
        throw size;
     }
    }
```

```cpp
catch(int k){

    cout<<"error its is not possible to enter element in array beyond size";

}

}
```