TRAVERSING,INSERTION,DELETION=

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#include<iostream>
using namespace std;

//TRAVERSING
void TRAVERSING(int size,int HARSHIDA[],int i)
{
    cout<<"The elements in the array is as follows="<<endl<<"[";
    for   (i=0;i<size;i++)
    {
        cout<<HARSHIDA[i]<<" ";
    }
    cout<<"]";
}


//INSERTION
void INSERTION(int size,int ARR[],int i)
{
    int index;
    cout<<"Enter the index where the element is to be inserted="<<endl;
    cin>>index;
    int element;
    cout<<"Enter the element which is to be inserted="<<endl;
    cin>>element;
    for   (i=size-1;i>=index;i--)
    {
        ARR[i+1]=ARR[i];
    }
    ARR[index]=element;
    size++;
    cout<<"Let's check!"<<endl;
    cout<<"[";
    for   (i=0;i<size;i++)
    {
        cout<<ARR[i]<<" ";
    }
    cout<<"]";
}

//DELETION
void DELETION(int size,int ARR[],int i)
{
    int index;
    cout<<"Enter the index where the element is to be deleted="<<endl;
    cin>>index;
    for   (i=index;i<size;i++)
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    {
        ARR[i]=ARR[i+1];
    }
    size--;
    cout<<"Let's check!"<<endl;
    cout<<"[";
    for   (i=0;i<size;i++)
    {
        cout<<ARR[i]<<" ";
    }
    cout<<"]";
}


int main   ()
{
    int size,i;
    cout<<"Enter the size of the array="<<endl;
    cin>>size;
    int ARR[size];
    cout<<"Enter the elements in the array="<<endl;
    for   (i=0;i<size;i++)
    {
        cin>>ARR[i];
    }
   int condition;
   cout<<"Enter the condition where we need to switch=1.For Traversing,2.For I
nsertion,3.For Deletion."<<endl;
   cin>>condition;
   switch(condition)
   {
       case 1:
       TRAVERSING(size,ARR,i);
       break;
       case 2:
       INSERTION(size,ARR,i);
       break;
       case 3:
       DELETION(size,ARR,i);
       break;
       default:
       cout<<"Invalid Condition."<<endl;
       break;
   }
    return 0;
}
```