Aim: To write a program to perform certain action on an array according to entered choice

Source Code:

```
#include<iostream.h>
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
      clrscr();
      int ch;
      char str1[10], str2[10], str3[20];
      cout<<"============================================================="
          <<"\n                    Harshit Program                          "
          <<"\n============================================================="
          <<"\n1.Find largest and smallest among 3 string entered"
          <<"\n2.Cancatinate 2 strings"
          <<"\n3.Convert upper case to lower and lower to upper"
          <<"\nEnter choice ";
      cin>>ch;
      if(ch==1)
      {
            cout<<"Enter 3 strings:\n ";
            gets(str1);
            gets(str2);
            gets(str3);
            for(int i=0;str1[i]!='\0';i++);
            for(int j=0;str2[j]!='\0';j++);
            for(int k=0;str3[k]!='\0';k++);
            if(i>j && i>k)
                  cout<<"\nLargest string is "<<str1;
            else if(j>i && j>k)
                  cout<<"\nLargest string is "<<str2;
            else if(k>i && k>j)
                  cout<<"\nLargest string is "<<str3;
      }
      else if(ch==2)
      {
            cout<<"Enter 2 strings\n ";
            gets(str1);
            gets(str3);
            for(int i=0;str1[i]!='\0';i++);
            str1[i]=' ';
            i++;
```

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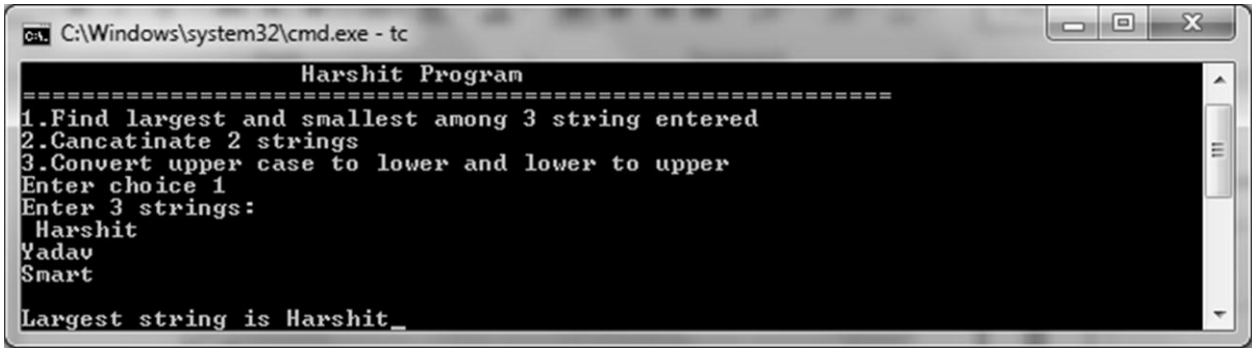
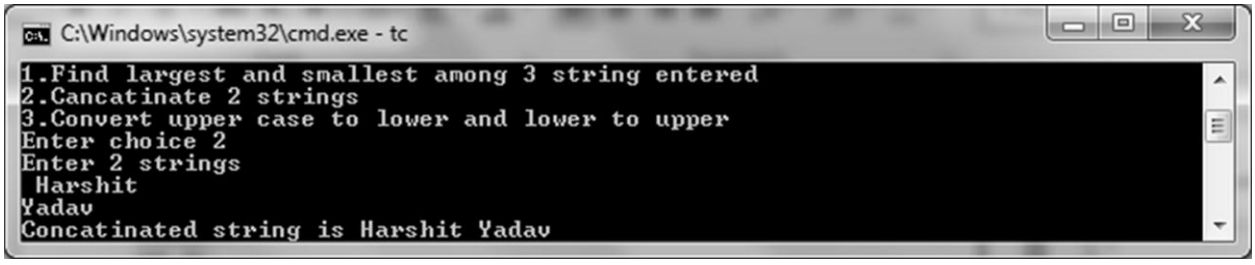
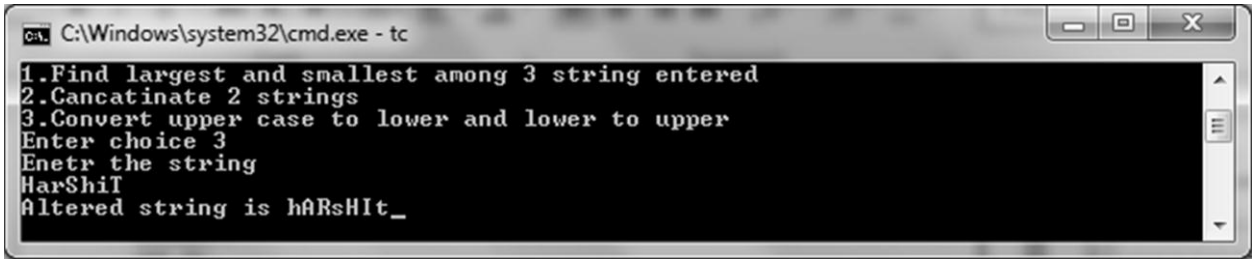
            for(int j=0;str3[j]!='\0';j++,i++)
                  str1[i]=str3[j];
            str1[i]='\0';
            cout<<"Concatinated string is "<<str1;
      }
      else if(ch==3)
      {
            cout<<"Enetr the string \n";
            gets(str2);
            for(int i=0;str2[i]!='\0';i++)
            {
                  if(str2[i]>=65 && str2[i]<=90)
                        str2[i]+=32;
                  else if(str2[i]>=97 && str2[i]<=122)
                        str2[i]-=32;
            }
            cout<<"Altered string is "<<str2;
      }
      getch();
}
```

Output :