QUEUE PROGRAM

```
#include<iostream>
#include<conio.h>
#include<stdlib.h>
using namespace std;

class queue
{
          int queue1[5];
          int rear,front;
     public:
          queue()
           {
               rear=-1;
               front=-1;
           }
          void insert(int x)
           {
              if(rear >  4)
               {
                 cout <<"queue over
flow";
                 front=rear=-1;
                 return;
               }
               queue1[++rear]=x;
               cout <<"inserted"
<<x;
           }
          void delet()
           {
              if(front==rear)
                {
                   cout <<"queue
under flow";
                   return;
                }
                cout <<"deleted"
<<queue1[++front];
            }
          void display()
           {
              if(rear==front)
                {
                    cout <<" queue
empty";
                    return;
                }
               for(int
i=front+1;i<=rear;i++)
               cout <<queue1[i]<<"
";
           }
};

main()
{
     int ch;
     queue qu;
     while(1)
       {
          cout <<"\n1.insert
2.delet  3.display  4.exit\nEnter ur
choice";
          cin >> ch;
          switch(ch)
            {
              case 1:    cout
<<"enter the element";
                           cin >> ch;
                    qu.insert(ch);
                    break;
              case 2:  qu.delet();
break;
              case 3:
qu.display();break;
              case 4: exit(0);
              }
        }
return (0);
}
```