```
# bonclude < stdio h=
# define MAX 5
int grent =-1;
int near = - 1;
void insert (int item) }
 if ((front == 0 && rear == HAX-1) | (front == rear +1))
 prints ("Queue overflow \n").
 Efse if (bront = z-1)
 front = 0;
 if ( neanz=hAX-1)
   near = 0;
 near=near+13;
void delete()
 if (front == -1)
```

```
print ("Queue Underflow In");
 return;
 prints (" Element deleted from queue is 1.0 ln", (que (part))
 if (front == rear)
 front =-1;
 Near = -1;
else
  if (front == HAX-1)
  Grent = Granat - ()
void display ()
int front pos= (rent, rear poo= rear;
if (bront ==-1)
 print/(" Due Quelle emply \n");
 seturn;
print( ! Queu elements: \n");
Utile (bront-pos= rear-pos)
```

{
Care 13:
print (" Edement for insertion: ");
Scanf ("'. I.d", & item);
print((")h");
incent (item);
Treat;
case 2:
delete ();
Meak;
case 3 5:
display (); Ineak;
case 4:
break;
default:
prints ("Entervalid choice!! \n');
Butile (choice != 4); return 0;
return 0;
3.