```
Asscending Riority Queue:
# include 2 stdio. b>
# includeestalib.b)
#define GIZE 3
  int rear = -1, front = 0, item;
  int count = 0;
  int acro];
   int ch;
void insert_rear ()
 if (rear == sizE -1)
 frist (" Quede overflow /2,);
  rear = rear + 1;
  a [rear ] = item;
  count++;
void insertion_sorte
  int i, j, flas;
  for (i=1; 1< co qut; i++)
    flag = QLIZ;
    j-j-j;
```

```
while (i>=0 RR a [i] >flag)
57
 · [6]10=[1+6]10
  3=8-11
void Remove_small()
   rear =-1;
   Printf("aueue is empty(n");
  Printf ("Item deleted = old(n", al [front + t]);
3
void display ()
   sintf ("aueue is emptaln");
   Printf (" old (n), arcis);
```

```
for (; ;)
    Print f("(n): tosert_Rear (n): Remove_Smal)
           M3: DisPlay In 4: Exit In?),
    Printf ("Enter the choice:\n");
    scart (" o/od", & ch);
     Switch (ch)
     case 1: Printf ("Enter the item: 10");
             Scanf("old", Litem);
              in sert-rear ();
              insertion-sort();
              break;
    case 2: Remove - Small();
            break;
    cage 3: display ();
           break;
  default: exit(0);
3 returno;
                              (riers front)
                            51 32 32 1 A 10
```

g int main ()