```
@ WAP to etimulat the working of a gruene of
  integers using an array. Provide the following
  operations
    2) Inscrt
   b) Delate
    c) pisplay
 * include < stdio. h >
 ent reast - 1;
 int front = -1;
 int max = 5;
 void Engaeur (intarred, int value) }
      rear ++;
      front ++ 's
      arr [rear ] = value ;
       read ++ ;
 else if (rear = = max) &
      Printy (" overflow \n") ; 9
 else ?
    ary crear ] = value;
     Year++; 44
void Dequeue (int arr []) ?
   if (front == -1 11 rean == -1) {
       Pornty (" underflowin); 3
   else if ("Delited elements of dln", as & (foord]);
     prin
 else if (front = = (seas-1))}
     Point [" Deleved element = 0/00/10", and [front]);
     7000 5-1;
    front : -1 ; 9
```

```
else 3
  int temp = are [ front ];
  Panty 1" Neleted element = "led In", temp);
  front ++ ;
4 4
void display (int arr [])?
    ABI (front; front < reas); front ++) }
      Print ("0/01/4", are (1/00/1))
    94
  Parrot ("10"); 3
 por main () }
int choice ;
 int axx [5];
 int value ;
    Printy ("Enter appropriate numer to perform operations:
  Void operations () }
Int. Equeus Inz. Degruere In3. Display In4. Exit in
    scant ("% d", & choice);
      Switch (Choice) }
         Point & ("Enter the value to insert in");
      Case 1:
        Scarf ("1.d", & value);
       Equeue (asr, 2 value);
       operations ();
       preak ;
   case 2:
       Dequeue (200);
       operations ();
       break ;
```

```
display (arr);
      opena Hora ();
      breaki
(age 4:
      Rint (" Exited In");
      break ;
  default:
      Rent (" Invalid charce (n");
        operanons (2;
         break ; 9
 operations (1;
  return o;
  ownt.
 Enter appropriate number to perform operations;
 1. Enqueus
 2. Dequeces
 3 Plaplay
  Exit
Enter the Value to insent to
 Enter the value to Ensell 20
 Enter the value to meet 30
 Enter the value to Present 40
Enter the value to insert 50
3
10 20 30 40 50
```