```
Ocean prints ("Overe is empty. \n");
    return:
  printf ("Contents of the Over core: \n");
  for (i= front; i <= rean; i++)
     printf (" %d \n", q[i]);
int main ()
  int choice:
  for(;;)
     printf ("In1: Insert rear In2: Delote front
     In 3: Display In 4: Exit In ");
      printf ("Enter the choice:");
      scanf (" %d", & choice);
      Switch (choice)
         case 1: printf (" Enter item to be inserted: \n");
         scanf ("%d", litem);
         insertrear();
         break:
         case 2: item = delfront();
         if (item = = -1)
         printf ("Over is empty. \n");
         else
           printf (" Item deleted is %d \n", item);
         break:
         case 3: display ();
         break;
        default: exit (0);
```

```
papergrid
                                       Date:
      printf ("The queue is empty.");
      retwin;
   f = front:
   printf ("Cordents of the queue are: \n");
   for (i=0; i <= count; i++)
      printf(" %d \n", o[f]);
      f = (f+1) % quous - size;
void main()
  int choice;
  for(;;)
     printf (" \n 1. Insert rear \n2. Delete front
      In 3. Display In 4. Exit In ");
     printf (" Enter the choice: ");
     scanf ("%d", & choice);
     Switch (choice)
         case 1: printf (" Enter item to be inserted:")
                  scanf (" %d", litem);
                  insert rear ();
                  break;
         case 2: item = delete front ();
                  if (item = = -1)
                  printf ("Ovene is empty. In")
                  else
                    printf (" Item deleted is %d. In"
                    item);
                 break ;
```

The second secon	papergrid
	Date: / /
case 3: display():	
case 3: display(); break; default: exit(0);	1
default: exit(o);	
 }	
3	
}	1