```
Dum
                                     1. Choice values
#include (stdio.h)
# define MAX 5
int front = -1, rear = -1, q [MAX];
void enquie (int value);
      if (front == -1 45 real == -1) }{
      front = rear = 0;
                                of ("Enter a value");
      q [rear] = value;
                                  { ("./.d", value);
     July if (rear = max -1) f
                                       un (value);
        printf ('Overflow');
                                       well; break;
       I du (
                                       May; break;
        9[++ rear] = valle; }}
                                   olean = 0; break;
   Void dequeur ();
                       inte ("Invalid Enput"); break;
       printf ('underflow');
       if (front > rear) (
                              us 3. Display 4. Exit
         front = -1;
       Jeln (
         print(('/d", 9[tront]);
      3 front --;
   reord display() (

If (front = = -1) (
         printf ('undrélow');
    } du {
       for (int i= front; i <= ocar; i++) {
           printf ("/.d", & C.J);
```

```
int main () {
     int booken = 1, choice valu;
     While (booken);
        Pront ("1. Engueux \2. Dyname \3. Display \4. Exit \n");
        scanf ("/d", choice); (audit dis) sources
switch (choice) {
                                        front = rear = 0)
        can 1 printf ("Enter a valu");
                                           d[war]= Kaper;
           , scary ("./.d", value);
              enqueu (value);
                                         [ clust : f (rear = MAX -1) f
              break;
                                          bullf (, pacition);
        Care 2
               depute (1; break;
                                             J. clar (
        Care 3
              display; break;
                                       V[++ rear] = value; } }
       Can 4
              boolean = 0; break;
                                                  1 (4004) ==-1) (
                printf ('Invalid Input'); break;
       default
     1 return 0;
                                          buut (, cugaton, ))
gutput:
                                             1 (4001 > 1car) [
1. Engueur 2. Dynne
                     3. Display 4. Exit
                                               front [1-1]
                                                      Teluc [
induflows
                                   (( ( proof) d [ p /., ) Hand
```

1-- Anord

1. Enqueue Dequeue 3. Display 4. Exit Enter a value: 12 Enqueue Dequeue 3. Display 4. Exit Enter a value: 33 Enqueue Dequeue 3. Display 4. Exit 12 33 Enqueue 2. Dequeue 3. Display 4. Exit