```
[Assignment-15]
include < stdio. h/
of the diamax (int all, int n);
 int main()
      int n, i
      printf ("enter a value");
      scanf ("o/od, 2n);
      int arr (h);
       printf ("enter value for arr");
       for (1=0; ixn; i++)
                 scarf ("olod", amrie),
        max = (am, n);
        return 0;
 void max (int al], intn]
      int maxi, i;
for (i=0; i<n; i++)
           If (maxi < a[i])
                    maxi = alij,
        printf (maximum num = 0/0 d", mari);
```

```
Dettinctude < stdio. h/s
   roid min (int al], intn);
    int main ()
        int n, ?;
        printf ("Enter a number");
        scanf ("e/od", &n);
        int arr [n];
         printf ("Enter a array number");
         for 1 = 0; i(n; i++)
                 scanf (0/od zaro (17);
          min (arr, n);
          return 0;
   void min (int a[], intn)
      int minimum, i.
      for perogieto gieto into
          top (main
      minimum = arr(0);
for(l=0; i< n; i+t)
           #(minimum / arr(0))
                  minimum = assiti,
```

```
print (minimum number=o/od, minimum),
# include < stdio. hp
void sort ( int amous, int n);
 int main ()
     int noi;
     forint ("enter a number");
    scanf (" dod", &n);
     intarr(n);
      (or jutt (, Enter awant unuspue, ).
      for (600; (2n; (++);
             scanf (olod, garrel);
       sort (arr, n);
       returno,
 void sort (intarr(), intn)
       into, itemp;
      for (1 = 0; i < n-1; 1++)
      2 for (] = (+1; Kn; 7++)
            orally are (C)
                  temp = am(y);
```

```
for (120; (cn; (++)
           lorinif ("sort number= god", arrij),
# include < stdio. h}
 evoid rotate (intarre), into, intp),
 int main ()
    int n, i, P,
     prints ("enter a number");
    scanf ("0/0d", &n);
     printf ("enter rotating number");
     scanf ("0/0d", &P);
      intarr [n];
      print ("entercorray number");
     for ((=0; i(n, i++)
             scanf ("o/od", arriej);
      rotate ( arr (], int n, int P)
      returno,
would rotate (interret), intn, intp)
     int i, T;
    for (j=p; J<n; j++)

for (i=o; i<p, i++)

print ("-1.d", arr(i));
```

```
3) # include < stdio. h/
   void duplicate (intat), intn);
   int main()
  } intnoi;
     (printf("Enter a number");
     scanf ("e/od", 8n);
      int arrenj;
      printf ("Enter array element");
     for (1=0; i(n; i+7)
             scorf l'élod", garr [P]);
      diplicate (arr, n);
      returno;
 vaid duplicate (in+al], in+n)
     for ( = 0; i( n-1; i++)
     7 for (]=1+(;j<n;j++)
         2 F(all] = ab])
                  printf ("olod", arrlig)
```

```
(6) # Include < stdio. h/s
 It vaid reverse (int al), int n);
  introdin ()
        in+n,i;
        brinte ("enter a number");
       Scanf ("1/0d', 2n);
        intarren];
        printflienter array element");
for (1=0; i<n; i++)
                scanfle/od, farrell);
         reverse (arr, n),
         return o;
   void reverse (intaty, intn)
       int j,
       for (J=n+, 7/=0, J--)
              pmnf("0/0d", a[]);
```

```
(3) # include & stdio.hp
    HODE MOCH
     Naid totaldiplicate (intal); intn);
      int main ()
           printf (Enter a number");
           scanf ("olod", en);
           int arrenj;
           printf l'enter array element's's
for (220; iln; itt)
                   scanf ("e/od", garr(i));
            totaldufalicate (arr, in);
            return o;
      void tatabliplicate (intaty, inta)
           int C, I feaunt =0;
          for (1 (= 0; Kn-1; i++)
          1 for (J=1; J<n; J++)
2 f(a(i)= a(J))
                           count++;
            printf ["Total deplicate num = "/od", count);
```

```
(8) # Include (stdiring
    rold unique cehar pCI);
    int maini
       is char arr [500];
           printf ("Enter string");
fgets (arr, 500, stdin);
            unique (str);
            return o;
       Vaid unique (char P[])
           int L, i, T, temp, m;
           L= strlen (P)
           m= 1-1;
           for(i=0; i<m-1; i++)
                fer(7=0; ] < m; 7+1)
                       (世間から)中
                       d int temps
                            temp = str[i];
                             Str[i] = (17 [7];
                             str(7) = temp;
                    +
            for (i=0; icm; i++)

3 for (J=0; J<=(+1; )++)
                    手(けでは) = らけいり)
                           point ("a/oc", strEij);
            6
```

```
It include (stdioth
 raid taloarray (in char al), charbell),
int main ()
      in a
       char am[40], P[40];
       printf("enter stoing same size");
       fgots (arr, uo, stdin);
       fgets (p, 40, stdin);
       returno;
  rold two array (charal), char 5(1) &
      int L;
      Je toos
       streat (a, b);
       1 = strlen (a);
       for (int (=0; ix (-1; i++)
           for (int )= +ti; J(l; I++)
                  りくしていていていかりは
                  int temp;
                  temp = streij;
                  stree) = street;
                  stress = temp;
      for (120 ; 121; 1+1)
        point ("-10 (", sto (i));
```

```
(10) # include < 17 dio, hy
    raid frequency (charall);
     int main ()
        that char str (50);
         print ( "exter a string");
         fgets (str, 50, stdin);
         forguency (str);
          returno
    roid frequency (charaft)
        int I, i, m, T;
        d= strlen(a);
        m = 1-1
         for (i=0; i< 10-1; i++)
              for (J=1; J<m; i++)
                  耳(中(1)= b(1))
                         count ++
               prints ("eloc = clod /n"; sarali), count);
                caun+ =0;
```