1/09/2025

Program

1]

```
# include <stdio.h>
int i, j, T=0
int main ()
{
    int S[7];
    for (i=0 ; i<7 ; i++)
    {
        Printf (" Enter the sales %d amou
        scanf ("%d", &S[i]);
        T=T+S[i];
    }
    Printf ( "Total sales: %d ",
    Printf (" Avg sales : %f ",
}
```

```
2] #include <stdio.h>
   struct patients
   {
        int  id;
        int  age;
        ~~int  n~~
        char  n[24];

     }
   int m, i
   int main()

   {    ~~Printf~~
       Printf ("Enter no; ");
       Scanf ("%d", &m);
       for (i=0 ; i<m, i++);
       {
            Struct  Patients si;
            Printf ("Enter id:");
            Scanf ("%d", si.id);
            Printf("Enter age:");
            Scanf("%d", si.age);
            Printf(" Enter name:");
            Scanf ("%s", si.n);
            Printf ("The %d id:%d\n", i, si.id
            Printf ("The age:%d\n", si.age);
            Printf ("The name:%s\n", si.n);
            Printf ("The
      }
```

3]

*ptr

```
 #include <stdio.h>
  int , n , ptr , i , m=0
  int main ()
 {
  Printf ("Enter the no:") ;
 Scanf ("%d", &n);

  Ptr = &n
 int s[*ptr];
~~for~~
for (i=0; i<*ptr; i++)

{
    Printf ("Enter the salary of %d emp:", i);
    Scanf ("%d", & s[i]);
    if (s[i] >m)
    {
          m=s[i] ;
     }

}
Printf (" The maximum salary:%d", m);

}
```

```
]
#include <stdio.h>
 int  n, m, i, m2, m1=0;
  int  main()
  {
   ~~Printf (" Enter~~
      n[]= { 1, 4 , 5, 7 };
        m = size of (n)/sizeof (n[0]);
     For (i=0 ; i<n ; i++)
     {
           if (s[i] > m1)
           {
                  m2 = m1;
                  m1 = s[i];
              }
         }
       Printf (" The 2nd max :%d", m2);
```

```
6] # include <stdio.h>
   int n, m, i, f=0
   ~~char c fs~~
   int  main()
   {
     Printf(" Enter the no: ");
     scanf("%d", &n);
     ~~int s[n]~~
     char s[n];
     Printf (" Enter string :");
     Scanf ("%s", & s);
     char ~~int~~ p[n];
     For (i=0; i<n, i++)
     {
          s[i]=p[i];
     }
    For (i=0; i<n, i++)
    {
          if (s[i] != s[n-i-1])
          {
               f=1;
          }
    }
    if (f==0)
    {
          Printf(" It is palliodrome");
else
{
      Printf ("not a pallindrome");

   }

}


7] # include <stdio.h>

   int n, m, ptr,;

   int main ()
   {
      Printf ("Enter the num:");
      scanf ("%d", &n);
       ptr = &n;

       int s[*ptr];

       for (i=0 ; i<n; i++)
       {
          ~~Printf ("Enter:");~~
          ~~scanf ("%d", & s[i];~~

       }

       for (i=0 ; i<n ; i++)

       {
                s[i] = s[n-i-1];
                Printf(" %d", s[i]);

       }

   }
```

```
8]
# include <stdio.h>
   int m[2][2], i, j,
   int    n [2] [2]
   int main ()
   {
        For (i=0; i<2; i++)
        {
            For (j=0; j<2; j++)
            {
                Printf ("Enter no:");
                scanf ("%d", m[i][j]);
                n[i][j] = m[j][i];
            }
        }
   }
        For (i=0 ; i<2, i++)
        {
            For (j=0; j<2; j++)
            {
                Printf ("%d", n[i][j]);
            }
            Printf ("\n");
        }
   }
```

```
#include <stdio.h>
int n[3][3], i, j, s=0
int main ()
{
    For (i=0 ; i<3 ; i++)
    {
     For (j=0 ; j<3 ; j++)
     {
              printf (" Enter the no:");
              scanf (" %d", &n[i][j]);
           if (i==j)
          {      s=s+n[i][j]);

           }
       }
    }
  Printf (" The sum is : %d", s);

}
```

```
{
  Printf ("Enter the no of rows";
  Scanf ("%d", &r);
  Printf ("Enter the nof of colmn;)";
  scanf ("%d', &c)
 int s[r]
 for (i=0; i<r; i++)
  {
      Printf("Enter mark:");
      scanf ("%d", &s[i]);
  }
  }
  for (i=0; i<r; i++)
  {
      if (s[i]>m)
      {
          int t= s m
          ~~m = S~~
          m = S[i];
          s[i] = int t;
      }
  }
}
for(i=0;i<n;i++) printf("%d", *(p+i));
printf("\n%d",max);
return 0;
}

4) #include<stdio.h>
int main()
{
  int stock[2][2][2],i,j,k,sum=0;
  for(i=0;i<2;i++)
  {
    for(j=0;j<2;j++)
      {
       for(k=0;k<2;k++)
         {
          scanf("%d",&stock[i][j][k]);
         }
      }
  }
  printf("Total stock=%d",sum);
  return 0;
}
```