```
week 2
```

Rajeshwaei 18m19C5031

```
# include < St dio . h)
    int main () {
    int rous, i, j, number = 1;
   prints (" Entel the number of roms:");
   scanf (" Fd", & rows);
  for (i=1; i <= rows; i++) {
   for (j=1;j<=i;++j){
   grind (" I'd", number);
      + + number;
printe ("\n");

return 0;

}
```

```
Rajeshwali
4)
                                      1BM19CS031
  # include < Stdio. h>
  int main ()
   int cie, see;
   float total;
  print (" Enter Student marks: ");
   scanf (" 1.d1.d", & cie, (see);
  total = (cie) + See/2;
  print (" total = 7. 2+ \n", total);
  if (total >= 90) 2
  ) prints (" Grade s");
 else if ( total > = 80)
    print ("Grade A");
 else if (total > = 70)
  r prints ("Grade B");
  Use if ( total >= 60)
    ? print ("Grade c");
   else if (total >=50)
    E paint (" Grade D");
    ess y (total >= 40)
    & print ("Grade E");
    3
else
     prints ("Grade F")
   acturn 0;
```

```
5)
                                Rajeshwari
                                   1BM1905031
# include < stdio. h >
void main ()
 int n1, n2;
 prints ("Enter the first number");
 Beauf (" 1-d", &n1);
 prints ("Enter the second number");
 scary ("/d", bn2);
print (" The prime numbers are: ");
 for (int i= n1; i <= n2; i++)
   int (=0;
  For Cint j=1; j<=i; j++)
     if (i%) == 0)
     3 C++;
   3
if(c==2)
 peint ("/d", i);
```

```
Rajishwaci
                                     1BM1965031
# include < Stdio.h>
# include (math. 4)
# define PI 3.14
jut main ()
float vadius, height;
float Surface - area, volume;
int option;
while (option! = -1) {
print (" == Menu = = \n");
print ("1. A rea of cylinder \n")
prints (" ). Area of come \n').
print (" 3. Area of sphere (n")
prints (" Enter the option from mener C-1 to
exit ) (n");
scare (" 1.d" & option);
if Coption == 1)
print (" entre value for vadius and height of
 a cylinder: \n');
Scanf (" 1.4 1.4", Avadius, & height );
 Busface_area = 2*(22/7)" radius "(radius + height);
Volume = (22/7) * radius " radius " height;
Prints (" Surfue area of cylinder is: 1.34 \n"; Surface - red.
Plints ("In Volume of cylinder is: 1.31 \n", volume);
ele if (option = = 2)
```

```
pints ("Enter value of radius and height of a
 (one ;\m");
scanf (" 1. f 1. f", & radius, Sheight);
surface - area = (22/7) radous " (radous + sqrt (radius
 * radous + height * height ));
volume = (1.0/3)* (22/7) * vadins * radrus * height;
pirt (" surface ava & core is: 1..3f \n"
 surface - area);
purity ("In volume of come is: 1/2.3 fln"; volume);
I de if (option = = 3) {
print ("In Please Enter the vadius of a sphere In");
Scanf (" 1/- #", & radius);
surface - area = 4 PI * vaduis * vaduis
volume = (4.0/3) * PI " vadius " vadius " vadius;
Birty ("In The Burface area of a sphere = 1.2fln",
 Swiface - area);
Printz ("In The Volume of a sphere = % of in"; Volume)
return o;
```