Name -Arpita Lakra

Branch-Electrical engineering, 1st year

**Group 11** 

College-VSSUT,Burla

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Assignment Week-1.
1. Enter two no. and perform all arithmetic operation
  #include (studio. h)
    void main ().
   int a, b;
     unt add, sub, mul, mod;
    float div;
    printf ("Enter two number: ");
    scanf ("1.d 1.d", 20 ,26);
                     son Colinia and consum
     add = a + 8:
     Bub = a - b;
                               x 1. datulah da da da d
     mul = a x b;
     mod = a'/. b's.
     dir = a/(float)b;
   print ("Addition is 1.d \n", add);
    printf (" Subtraction is "I'd \n", sub);
     printf ("Multiplication is ", d In", mul);
     prints ("Modulus is 7. d In", mod);
     print ("Division is y. f In", div);
    retwen 0;
```

d. Enter lamp. in Celsius and convoit it into twentert # include < studio.h > probudy Kaluations int main () float C, C; prient ("Entre temperature in Celsius: ") 8 canf ("% f", & c).  $F = \left(\frac{9}{5} \times C\right) + 32$ prints ("The temperature in Farenheit is "d'n", F (") may") lambera Hetwen O; 3. Enter the readins of a circle and find its diameter circumpuence and area. # include Letudio. h> . (" Lacor") filings int main () inte H, C, a,d; break . printf ("Ener radius of a circle:"); scarf ("1. d", 2 4 ); (" 2000 ) graning C = 2 x 3.14 x n; (") swor") Johneng d = 2 x 21; a = 3.14 \* 4 \* 4; prints ("Diameter of circle is 1. d \n", d); print (" Circumperence of circle is "/d (n", C); printf ("Arua of circle is 1/0 d in", a). retwen 0; (" ) . c. ( " ver o . c ( " ) .

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4. Calculate percentage and grade according to following:
   Percentage > = 90%: Grade A (- Sucression) frances
               7=80% : Grade B.
              > = 70% : Grade C.
              > = 60%: Greade D.
              > = 407 .: Grade E
              < 40%. : Grade F
  # include ( studio . h >
     int main
     int Physics, Chemistry, Biology, Mathematics, Computer;
      float Percentage;
      printf ("Enter physics mark = ");
      scanf ("% d", & Physics);
      printf ("Enter Chemistory mark =");
      scang ("1. d", 2 chemistry);
      printf ("Enter Biology movek = ");
       Scanf ("1.d", & Biology);
       pounts ("Enter Mathematics mark = ");
       scanf ("1. d", & Mathematics );
       printf ("Enter computer marches = ");
       scanf ("1.d", & computer);
      Percentage = (Physics + Chemistry + Biology + Mathematics +
                    computer) / 5
       print (" Room in Percentage = %. 2f in", Percentage);
      if [Parcentage 7= 90)
      2 printf ("In Grade A");
       else.
      if (percentage >= 80)
      I printf ("In Grade B");
      else if ( Percentage >=70)
       ? prints ("In Grade C");
```

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else if (Percentage > = 60).

{
Printf (In Grade D").
}
else if (Percentage >= 40).

{ printf ("In Grade E).

}
else if (Percentage < 40).

{ printf ("In Grade F).
   return 0;
```

```
chick whether an alphabet is rewel on constant
using sweitch case.
# include ( sendio. h >
 int main
  scanf ("7.c", & ch);
  Sweitch (ch)
                discharge (" The humanament of ") phoises
       prients ("Vowel");
        break;
       care 'e'.
        prints ("vower");
                              continuity some and succession
         break;
        case i':
         Printf ("vowel");
         case o';
           printf ("rowel");
          case "u": 2000 a ga enter melia") juning
          break;
            preint ("vowel");
            break;
           Case 'A':
           printf ("vowel");
           case E':
           priority ("vowel");
           break; alais de sourretmunis is princes
                         " is duis is out") Thing
           Care I':
           printf (vower");
           Co break;
           Care '0':
            printy ("vowel");
            break;
           care 'U':
            print ("vowel");
            break;
```

default:

frient ("consonane");

story:

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