

1) #include <stdio.h>

int main() {

int a, b, c, d, e, f, g;

printf("Enter two numbers");

scanf("%d", &a);

scanf("%d", &b);

c = a * b;

d = a - b;

e = a * b;

f = a / b;

g = a % b;

printf("\n sum is: %d", c);

printf("\n subtraction is: %d", d);

printf("\n multiplication is: %d", e);

printf("\n division is: %d", f);

printf("\n remainder is: %d", g);

}


```

4) #include <stdio.h>
void main() {
    int phy, chem, bio, Math, computer, total; total Mark;
    float percentage;
    printf("Enter total Mark"); scanf("%d", &total Mark);
    printf("Enter mark in physics");
    scanf("%d", &phy);
    printf("\n Enter mark in chem");
    scanf("%d", &chem);
    printf("\n Enter mark in bio");
    scanf("%d", &bio);
    printf("\n Enter mark in Math");
    scanf("%d", &Math);
    printf("\n Enter Mark in Computer");
    scanf("%d", &computer);
    total = phy + chem + bio + Math + computer;
    percentage =  $\frac{\text{total}}{\text{total Mark}} \times 100$ 

```

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If (Percentage >= 90)
    printf("Grade A");
else If (Percentage >= 80)
    printf("Grade B");
else If (Percentage >= 70);
    printf("Grade C");
else If (Percentage >= 60)
    printf("Grade D");
else If (Percentage >= 40)
    printf("Grade E");
else
    printf("Grade F");

```



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2) #include <stdio.h>
   #include <conio.h>

   void main() {
       float celcius, fahrenheit;
       clrscr();
       printf("\n Enter Temperature in celcius:");
       scanf("%f", &celcius);
       fahrenheit = (1.8 * celcius) + 32;
       printf("\n Temperature in fahrenheit : %.2f",
           fahrenheit);
       getch();
   }

```

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3) #include <stdio.h>

   void main() {
       float radius, diameter, circumference, area;
       printf("Enter the radius:");
       scanf("%f", &radius);
       diameter = 2 * 3.14 * radius;
       diameter = 2 * radius;
       circumference = 2 * 3.14 * radius;
       area = 3.14 * radius * radius;
       printf("\n diameter is : %.2f", diameter);
       printf("\n circumference is : %.2f", circumference);
       printf("\n area is : %.2f", area);
   }

```


5) ~~for~~ #include <stdio.h>

int main() {

char ch;

printf("Enter any alphabet:");

scanf("%c", &ch);

switch (ch)

{

case 'a':

printf("vowel");

break;

case 'e':

printf("Vowel");

Break;

case 'i':

printf("Vowel");

Break;

case 'o':

printf("Vowel");

Break;

case 'u':

printf("Vowel");

Break;

case 'A':

printf("Vowel"); Break;

case 'E':

printf("Vowel"); Break;

case 'I':

printf("Vowel"); Break;

case 'O':

printf("Vowel"); Break;

case 'U':

printf("Vowel"); Break;

default:

printf("Consonant");

??