#include <stdio.h>

int main()

{

char char1 = 'P';

char char2 = 'P';

char char3 = 'S';

printf("The reverse of %c%c%c is %c%c%c\n",

char1, char2, char3,

char3, char2, char1);

return(0);

}

Output

The reverse of PPS is SPP

2

#include<stdio.h>

int main() {

int length, breadth, area,perimeter;

printf("\nEnter the Length of Rectangle : ");

scanf("%d", &length);

printf("\nEnter the Breadth of Rectangle : ");

scanf("%d", &breadth);

area = length \* breadth;

perimeter=2\*(length+breadth);

printf("\nArea of Rectangle : %d", area);

printf("\nPerimeter of Rectangle : %d", perimeter);

return (0);

}

3.

#include <stdio.h>

int main()

{

int inttype;

float floattype;

double double type;

char chartype;

printf("\nsize of int: %d bytes", sizeof(inttype));

printf("\nsize of float: %d bytes",sizeof(floattype));

printf("\nsize of double : %d bytes",sizeof(doubletype));

printf("\nsize of char : %d bytes",size of(chartype));

return 0;

}

4.

#include<stdio.h>

int main()

{

int p,r,t,int\_amt;

printf("Input principle, Rate of interest & time to find simple interest: \n");

scanf("%d%d%d",&p,&r,&t);

int\_amt=(p\*r\*t)/100;

printf("Simple interest = %d",int\_amt);

return 0;

}

6.

#include <stdio.h>

int main()

{

int days, years, weeks;

/\* Input total number of days from user \*/

printf("Enter days: ");

scanf("%d", &days);

/\* Conversion \*/

years = (days / 365); // Ignoring leap year

weeks = (days % 365) / 7;

days = days - ((years \* 365) + (weeks \* 7));

/\* Print all resultant values \*/

printf("YEARS: %d\n", years);

printf("WEEKS: %d\n", weeks);

printf("DAYS: %d", days);

return 0;

}

7.

#include<stdio.h>

#include<math.h>

main()

{

int a,b,c,sum;

float avg;

printf("Enter the three integers: ");

scanf("%d%d%d",&a,&b,&c);

sum=a+b+c;

avg=sum/3;

printf("The required sum and average are %d and %f respectively",sum,avg);

}

9.

#include <stdio.h>

int main()

{

int emp\_id,hrs;

float tot\_salary,amount\_per\_hr;

printf("enter employee id:");

scanf("%d", &emp\_id);

printf("number of working hours: ");

scanf("%d", &hrs);

printf("Salary amount per hr: ");

scanf("%f", &salary\_per\_hr);

salary = amount\_per\_hr \* hour;

printf("\n employee id = %d,\n total salary = %f, emp\_id, tot\_salary);

return 0;

}

10.

#include <stdio.h>

int main()

{

int x;

float y;

printf("Input total distance in km: ");

scanf("%d",&x);

printf("Input total fuel spent in liters: ");

scanf("%f", &y);

printf("\n averageconsumption=%f", averageconsumption);

return 0;

}

11.

#include<stdio.h>

#include<math.h>

int main()

{

float x1, y1, x2, y2, distance;

printf("Enter point 1 (x1, y1)\n");

scanf("%f%f", &x1, &y1);

printf("Enter point 2 (x2, y2)\n");

scanf("%f%f", &x2, &y2);

distance = sqrt( (x2 - x1)(x2 - x1) + (y2 - y1)(y2 - y1) );

printf("distance = %f",distance);

return 0;

}

12.

#include <stdio.h>

int main()

{

int f,c;

printf("\n input f : ");

scanf("%d", &f);

c = ((f - 32) \* 5 / 9);

printf("f to c = %d",c);

return 0;

}

13.

#include <stdio.h>

int main() {

int hrs, min, sec;

printf("\n input sec : ");

scanf("%d", &sec);

hrs = (sec/3600);

min = (sec /60);

printf("\n hrs = %d",hrs);

printf("\n min = %d",min);

return 0;

}

14.

#include <stdio.h>

int main() {

int days, y, m, w;

printf("\n input number of days: ");

scanf("%d", &days);

y = days/365;

w = days/7;

m = days/30;

printf(" %d Years \n %d Months \n %d Weeks", y, m, d);

return 0;

}

16.

#include <stdio.h>

int main() {

int j, numbers[5],total=0;

printf("\nInput the first number: ");

scanf("%d", &numbers[0]);

printf("\nInput the second number: ");

scanf("%d", &numbers[1]);

printf("\nInput the third number: ");

scanf("%d", &numbers[2]);

printf("\nInput the fourth number: ");

scanf("%d", &numbers[3]);

printf("\nInput the fifth number: ");

scanf("%d", &numbers[4]);

for(j = 0; j < 5; j++) {

if((numbers[j]%2) != 0)

{

total += numbers[j];

}

}

printf("\nSum of all odd values: %d", total);

printf("\n");

return 0;

}

17

#include <stdio.h>

int main()

{

float cm, m, km;

printf("\n enter cm: ");

scanf("%d", &cm);

meter = cm / 100;

km = cm / 100000;

printf("\cm to m = %d \n cm to km = %d",m,km);

return 0;

}

18.

#include <stdio.h>

int main() {

int sec, h, m, s;

printf("Input seconds: ");

scanf("%d", &sec);

h = (sec/3600);

m = (sec -(3600\*h))/60;

s = (sec -(3600\*h)-(m\*60));

printf("H:M:S - %d:%d:%d\n",h,m,s);

return 0;

}

19

#include<studio.h>

int main()

{

int hrs,min,sec;

printf("input sec:");

scanf("%d",&num);

digit = num%10;

printf("ones place digit = %d",digit);

}

20

#include<stdio.h>

int main()

{

int num;

printf("\n enter number:");

scanf("%d",&num);

num = num/100;

printf("\n num = %d",num);

return 0;

}