Assignment-2: More on print and scan

1. Write a program to calculate average of three integers. Numbers are given by the user.

2. Write a program to calculate circumference of a circle

3. Write a program to calculate simple interest.

4. Write a program to calculate volume of a cuboid

5. Write a program to ask user about the cost price and selling price banana per dozen. Calculate the profit or loss earned upon selling 25 bananas.

6. Write a program to input a character from the user and print its ASCII code

Write a program to input an ASCII code from the user and print its corresponding character.

8. Write a program to input three characters from the user and display characters with their corresponding ASCII codes

9 WAP to take date as an input in below given format and convert the date format and display the result as given below

User Input date format - "DD/MM/YVYY (27.11/2022)

Output format - "Day - DD Month - MM, Year - YVYY" (Day - 27 Month - 07

Year 2022)

10. WAP to take time as an input in below given format and convert the time format and display the result as given below

User input date format - -44 MM

1

#include<stdio.h>

int main(){

int a,b,c,d;

printf("Enter the three no.");

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

d=(a+b+c)/3;

printf("Average of three no.%d",d);

}

2

#include<stdio.h>

int main(){

int r;

float a;

printf("Enter the radius ");

scanf("%d",&r);

a=2\*3.14\*r;

printf("Circumfrence of a circle is %0.2f",a);

}

3

#include<stdio.h>

int main(){

int p,t;

float SI,r;

printf("Enter the principle amount ");

scanf("%d",&p);

printf("Enter the time boundatation ");

scanf("%d",&t);

printf("Enter the rate of interst ");

scanf("%f",&r);

SI=(p\*r\*t)/100;

printf("Simple Interst is %0.2f",SI);

}

4

#include<stdio.h>

int main(){

int l,b,h,v;

printf("Enter the length of cuboid ");

scanf("%d",&l);

printf("Enter the Breadth of cuboid ");

scanf("%d",&b);

printf("Enter the Hight of cuboid ");

scanf("%d",&h);

v=l\*b\*h;

printf("Volume of cuboid is %d",v);

}

5

#include<stdio.h>

int main(){

int cp,sp;

float profit;

printf("Enter the cost price ");

scanf("%d",&cp);

printf("Enter the selling price ");

scanf("%d",&sp);

profit=((sp-cp)\*25)/12;

printf("Profit is %f",profit);

}

6

#include<stdio.h>

int main(){

char ch;

printf("Enter an character ");

scanf("%c",&ch);

printf("ASCII Code is given character is %d",ch);

}

7

#include<stdio.h>

int main(){

int ch;

printf("Enter the ASCII Code ");

scanf("%d",&ch);

printf("Charresponding character is %c",ch);

}

8

#include<stdio.h>

int main(){

char ch1,ch2,ch3;

printf("Enter the three characters ");

scanf("%c\n%c\n%c",&ch1,&ch2,&ch3);

printf("%c-%d\n",ch1,ch1);

printf("%c-%d\n",ch2,ch2);

printf("%c-%d\n",ch3,ch3);

}

9

#include<stdio.h>

int main(){

int date,month,year;

printf("Enter DD/MM/YYYY: ");

scanf("%d/%d/%d",&date,&month,&year);

printf("Date-%d Month-%d Year-%d",date,month,year);

}

10

#include<stdio.h>

int main(){

int hour,minute;

printf("Enter HH:MM ");

scanf("%d:%d",&hour,&minute);

printf("%d Hours & %d Minutes",hour,minute);

}