Assignment – 5

1 Ans - #include<stdio.h>

int main()

{

int a,b,c;

printf(“Enter two Numbers”);

scanf(“%d %d ”,&a,&b);

c=a+b;

printf(“Sum of %d and %d is %d”,a,b,c);

return 0;

}

2 Ans - #include<stdio.h>

int main()

{

int r;

float ar;

printf("Enter radious");

scanf("%d",&r);

ar=3.14\*r\*r;

printf("Area of circle is %f",ar);

return 0;

}

3 Ans - #include<stdio.h>

int main()

{

int l,b,h,vol;

printf("Enter dimensions");

scanf("%d %d %d",&l,&b,&h);

vol=l\*b\*h;

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

return 0;

}

4 Ans - #include<stdio.h>

int main()

{

int p,r,t;

float SI;

printf("Enter data");

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

SI = p\*r\*t/100.0;

printf("Simple Interest is %f",SI);

return 0;

}

5 Ans - #include<stdio.h>

int main()

{

int l,b,Area;

printf("Enter length and breadth");

scanf("%d %d",&l,&b);

Area=l\*b;;

printf("Area of Rectangle is %d",Area);

return 0;

}

6 Ans - #include<stdio.h>

int main()

{

int a,b,c,sum;

float avg;

printf("Enter three numbers");

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

sum=a+b+c;

avg=sum/3.0;

printf("Average of %d %d %d is %f",a,b,c,avg);

return 0;

}

7 Ans - #include<stdio.h>

int main()

{

int a,b;

printf("Enter a Number");

scanf("%d",&a);

b=a\*a;

printf("Squire of %d is %d",a,b);

return 0;

}

8 Ans - #include<stdio.h>

int main()

{

char a;

printf("Enter a Character");

scanf("%c",&a);

printf("ASCII code of %c is %d",a,a);

return 0;

}

9. Ans - #include<stdio.h>

int main()

{

float CP,SP,sum,per;

printf("Enter CP and SP");

scanf("%f %f",&CP,&SP);

per=((SP-CP)/CP)\*100.0;

printf("Profit Percentage is %f",per);

return 0;

}

10 Ans - #include<stdio.h>

int main()

{

int b=5,h=10;

float ar;

ar=0.5\*b\*h;

printf("Area of Triangle is %f",ar);

return 0;

}