

Question and answers:-

1. C Program to Print “ Hello World” on screen ?

Code:- # include <stdio.h>

```
int main()
{
    printf("hello world");
    return 0;
}
```

2. C Program to Print you Details on Screen ?

Code:- # include <stdio.h>

```
int main()
{
    printf("Name=Prince Singhal \n Branch=ECE\n Rollno.= N-30");
    return 0;
}
```

3. . C Program to Scan a double and print it on the screen ?

Code:- # include<stdio.h>

```
int main()
{
    double var;
    scanf("%lf",&var);
}
```

```
printf(" enter a number %lf",var);
```

```
return 0;
```

```
}
```

4. C Program to Add Two Integers ?

Code:- #include<stdio.h>

```
int main()
```

```
{
```

```
int num1,num2;
```

```
int add;
```

```
printf("enter first number");
```

```
scanf("%d",&num1);
```

```
printf("enter second number");
```

```
scanf("%d",&num2);
```

```
add=num1+num2;
```

```
printf("sum is %d",add);
```

```
return 0;
```

```
}
```

5. C Program to Multiply Two Floating-Point Numbers ?

Code:- #include<stdio.h>

```
int main()
```

```

{
    float num1,num2;

    float mul;

    printf("enter first number");

    scanf("%f",&num1);

    printf("enter second number");

    scanf("%f",&num2);

    mul=num1*num2;

    printf("multiply of two numbers is %f",mul);

    return 0;

}

```

6. . C Program to Find ASCII Value of a Character ?

```

Code:- #include <stdio.h>

int main()
{
    char c;
    printf("Enter a character: ");
    scanf("%c", &c);
    printf("ASCII value of %c = %d", c, c);

    return 0;
}

```

7. C Program to Compute Quotient and Remainder ?

```

Code:- #include <stdio.h>

```

```
int main() {  
    int dividend, divisor, quotient, remain;  
    printf("Enter dividend: ");  
    scanf("%d", &dividend);  
    printf("Enter divisor: ");  
    scanf("%d", &divisor);  
    quotient = dividend / divisor;  
    remain = dividend % divisor;  
    printf("Quotient = %d\n", quotient);  
    printf("Remainder = %d", remain);  
    return 0;  
}
```

8. C Program to Find the Size of int, float, double and char?

Code:- #include<stdio.h>

```
int main() {  
    int itype;  
    float ftype;  
    double dtype;  
    char ctype;  
    printf("size of int %ld bytes\n",sizeof(itype));  
    printf("size of float %ld bytes\n",sizeof(ftype));  
    printf("size of double %ld bytes\n",sizeof(dtype));  
    printf("size of char %ld bytes\n",sizeof(ctype));  
    return 0;  
}
```

9. C Program to Find area of a square whose side is given by the user?

Code:- #include<stdio.h>

```
int main() {  
    int side,area;  
    printf("enter the side of square: ");  
    scanf("%d",&side);  
    area=side*side;  
    printf("area of square is %d",area);  
    return 0;  
}
```

10. C Program to Find average of 3 numbers ?

Code:- #include<stdio.h>

```
int main() {  
    float num1,num2,num3,average;  
    printf("enter the first number : ");  
    scanf("%f",&num1);  
    printf("enter the second number : ");  
    scanf("%f",&num2);  
    printf("enter the third number : ");  
    scanf("%f",&num3);  
    average=(num1+num2+num3)/3;
```

```
printf("area of square is %f",average);  
  
return 0;  
  
}
```

11. C Program to Find Simple Interest scan inputs?

Code:- #include<stdio.h>

```
int main() {  
  
    float p,r,t,si;  
  
    printf("enter the principle : ");  
  
    scanf("%f",&p);  
  
    printf("enter the interest rate : ");  
  
    scanf("%f",&r);  
  
    printf("enter the time : ");  
  
    scanf("%f",&t);  
  
    si=(p*r*t)/100;  
  
    printf("simple interest is %f",si);  
  
    return 0;  
  
}
```

12. C Program to scan a char and print on screen ?

Code:- #include<stdio.h>

```
int main() {  
  
    char name;
```

```
printf("enter your name: ");
```

```
scanf("%c",&name);
```

```
printf("your name is %c",name);
```

```
return 0;
```

```
}
```

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