

Question 1 : C Program to Print " Hello World" on screen

```
#include <stdio.h>

int main() {
    printf("Hello, World!\n");
    return 0;
}
```

Question 2 : C Program to Print you Details on Screen

```
#include <stdio.h>

int main() {
    printf("My Name is Akshat Gadodia\n
        I'm 19 years old\n
        I'm doing B.tech\n");
    return 0;
}
```

Question 3 : C Program to Scan a double and print it on the screen

```
#include <stdio.h>

int main()
{
    double num;
    printf("Enter a number: ");
    scanf("%lf", &num);
    printf("num2 = %lf", num);
    return 0;
}
```

Question 4 : C Program to Add Two Integers

```
#include <stdio.h>

int main() {
    int number1, number2, sum;
    printf("Enter two integers: ");
    scanf("%d %d", &number1, &number2);
    sum = number1 + number2;
    printf("%d + %d = %d", number1, number2, sum);
    return 0;
}
```

Question 5: C Program to Multiply Two Floating-Point Numbers

```
#include <stdio.h>

int main() {
    double a, b, product;
    printf("Enter two numbers: ");
    scanf("%lf %lf", &a, &b);
    product = a * b;
    printf("Product = %.2lf", product);
    return 0;
}
```

Question 6 : C Program to Find ASCII Value of a Character

```
#include <stdio.h>

int main() {
    char c;
    printf("Enter a character: ");
    scanf("%c", &c);
    printf("ASCII value of %c = %d", c, c);
    return 0;
}
```

Question 7 : C Program to Compute Quotient and Remainder

```
#include <stdio.h>

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

Question 8 : C Program to Find the Size of int, float, double and char

```
#include<stdio.h>
```

```

int main() {
    int intType;
    float floatType;
    double doubleType;
    char charType;
    printf("Size of int: %zu bytes\n", sizeof(intType));
    printf("Size of float: %zu bytes\n", sizeof(floatType));
    printf("Size of double: %zu bytes\n", sizeof(doubleType));
    printf("Size of char: %zu byte\n", sizeof(charType));

    return 0;
}

```

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

```

#include<stdio.h>

int main() {
    int side, area;
    printf("Enter the Length of Side  \n");
    scanf("%d", &side);
    area = side * side;
    printf("Area of Square is %d \n", area);

    return (0);
}

```

Question 10 : C Program to Find average of 3 numbers

```

#include <stdio.h>

int main()
{
    int n1,n2,n3;
    float avg;
    printf("ENTER THREE NUMBERS\n" );
    scanf("%d %d %d",&n1,&n2,&n3);
    avg=(n1+n2+n3)/3;
    printf("AVERAGE: %0.2f",avg);
    retun 0;
}

```

Question 11 : C Program to Find Simple Interest scan inputs

```

#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;
}
```

Question 12 : C Program to scan a char and print on screen

```
#include <stdio.h>

int main()
{
    char chr;
    printf("Enter a character: ");
    scanf("%c",&chr);
    printf("You entered %c.", chr);
    return 0;
}
```