Program to take character as input in C Programming.

C

```c
#include <stdio.h>

int main() {
    char input;

    printf("Enter a character: ");
    scanf("%c", &input);

    printf("You entered: %c\n", input);

    return 0;
}
```

Explanation:

1. The #include <stdio.h> line includes the standard input/output library, which provides functions like printf() and scanf().
2. The main() function is the entry point of the program.
3. The variable input is declared as a character. It will store the user's input.
4. The printf() function displays the message "Enter a character: " to prompt the user for input.
5. The scanf() function with the %c format specifier is used to read a character from the user's input. The & operator is used to pass the memory address of the input variable so that the value can be stored there.
6. The printf() function displays the message "You entered: " followed by the value stored in the input variable, using the %c format specifier.

7. The return 0; statement indicates the successful completion of the main() function, and the program terminates.

C Output

```
Enter a character: E
You entered: E
```

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61. Write a program that asks the user to enter a number and then determines whether the number is even or odd.

62. Write a program that swaps the values of two variables.

63. Write a program that asks the user to enter a number and then calculates and prints its factorial.

64. Write a program that asks the user to enter a number N and then prints the first N numbers in the Fibonacci sequence

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