

Program to take character as input in C Programming.



```
#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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