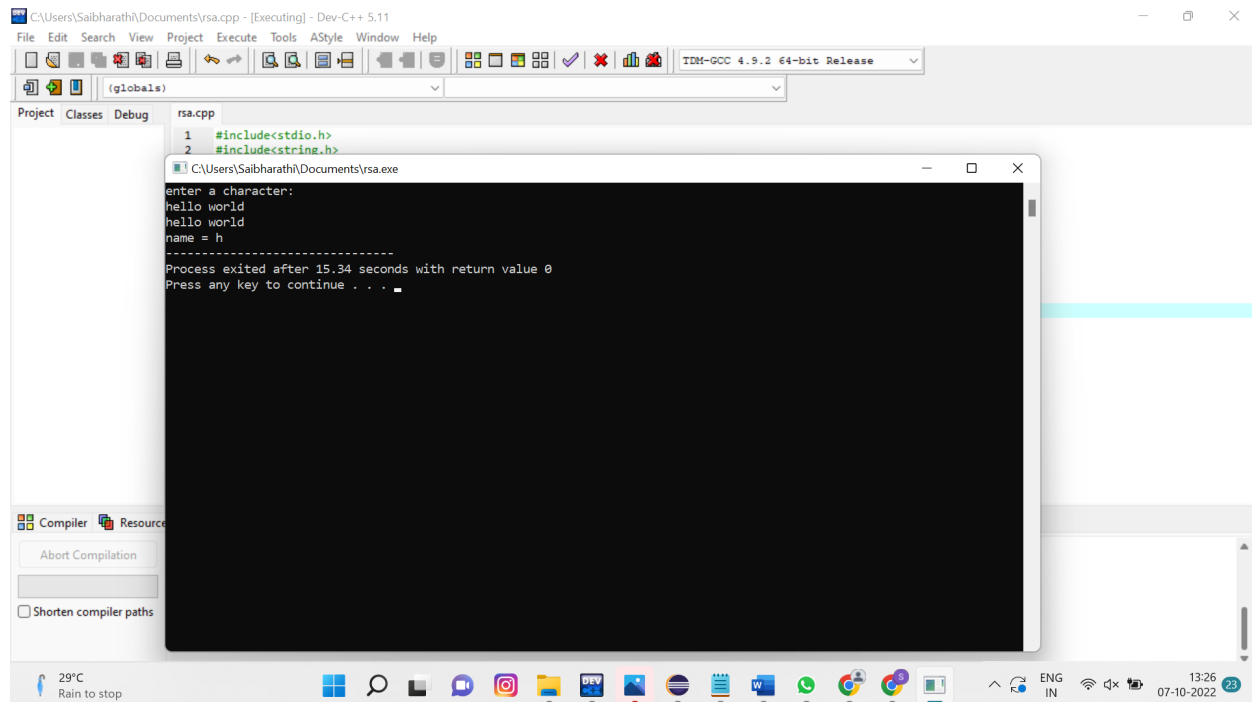


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```
#include<stdio.h>
#include<string.h>
int main ()
{
    char str[10];
    char *ptr;
    printf ("enter a character:\n");
    gets (str);
    puts (str);
    ptr = str;
    printf ("name = %c", *ptr);
}
```

OUTPUT:



The screenshot shows the Dev-C++ IDE interface. The main window displays the source code for 'rsa.cpp', which includes `<stdio.h>` and `<string.h>`. The code defines a `main` function that prompts the user to enter a character, reads it using `gets`, prints it using `puts`, and then prints the character again using `printf` with the format `%c`. The IDE's toolbar and menu bar are visible at the top. A console window is open, showing the program's execution. It displays the prompt 'enter a character:', followed by the input 'hello world', which is printed twice. The output ends with 'name = h'. The status bar at the bottom indicates the system temperature is 29°C and the date is 07-10-2022.