Password strength checker:-

```c
#include <stdio.h>

#include <string.h>

#include <ctype.h>


Int main()

{

    Char password[100];

    Int I, score = 0;


    Printf("===========================================\n");

    Printf(" PASSWORD STRENGTH CHECKER \n");

    Printf(" NOTE: Use strong passwords for better security \n");

    Printf("===========================================\n\n");


    Printf("Enter your password: ");

    Scanf("%s", password);


    Int len = strlen(password);


    Int hasLower = 0;

    Int hasUpper = 0;

    Int hasDigit = 0;

    Int hasSpecial = 0;
```

```
If (len >= 8)

    Score++;


For (I = 0; I < len; i++)

{

    If (islower(password[i]))

        hasLower = 1;


    else if (isupper(password[i]))

        hasUpper = 1;


    else if (isdigit(password[i]))

        hasDigit = 1;


    else

        hasSpecial = 1;

}


If (hasLower) score++;

If (hasUpper) score++;

If (hasDigit) score++;

If (hasSpecial) score++;


Printf("\n----------- RESULT -----------\n");
```

```
    If (score <= 2)

        Printf("Password Strength: WEAK\n");


    Else if (score == 3)

        Printf("Password Strength: MEDIUM\n");


    Else if (score == 4)

        Printf("Password Strength: STRONG\n");


    Else

        Printf("Password Strength: VERY STRONG\n");


    Printf("-----------------------------\n");


    Return 0;
}
```