

C:\Users\Riphah\Documents\Untitled1.cpp - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

TDM-GCC 9.2.0 64-bit Release

```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     char characterarray [8];
6     for ( int i=0; i<8; i++) {
7         cout<<"enter character"<<endl;
8         cin>>characterarray;
9     }
10    for ( int i=0; i<8; i++)
11    {
12        cout<<"characterarray"<<endl;
13    }
14    return 0;
15 }
16
17
```

A screenshot of the Embarcadero Dev-C++ 6.3 IDE interface. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar has icons for New, Open, Save, Print, and others. The main window shows a code editor with the file path C:\Users\Riphah\Documents\Untitled1.cpp - [Executing]. The code contains a loop that prompts the user to enter characters from 'a' to 'g', followed by character arrays. The output window at the bottom shows the program's execution log:

```
enter character
a
enter character
b
enter character
c
enter character
d
enter character
e
enter character
f
enter character
g
enter character
h
characterarray
characterarray
characterarray
characterarray
characterarray
characterarray
characterarray
```

Process exited after 10.1 seconds with return value 0
Press any key to continue . . . |

The screenshot shows the Dev-C++ IDE interface. The menu bar includes Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar has icons for file operations like Open, Save, and Print. The title bar displays "Dev-C++ 6.3" and "TDM-GCC 9.2.0 64-bit Release". The left sidebar shows a project tree with "(globals)" and a file list containing "Untitled1.cpp". The main code editor window contains the following C++ code:

```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     int size;
6     cout<< "Enter the size of the character array:" ;
7     cin>>size;
8     char arr[size] ;
9     cout<< "Enter" << size << "characters:" << endl;
10    for ( int i=0; i<size; i++)
11    {
12        cin>> arr[i] ;
13    }
14    cout<< "You entered: " ;
15    for ( int i=0; i<size; i++)
16    {
17        cout<<arr[i] << " " ;
18    }
19    return 0;
20 }
```

```
(globals)
Untitled1.cpp
1 C:\Users\NewMoon\Desktop\Untitled1.exe
2 Enter the size of the character array:5
3 Enter5characters:
4
5 1
6 2
7 3
8 4
9 5
10 You entered:12345
11 -----
12 Process exited after 17.19 seconds with return value 0
13 Press any key to continue . . .
14
15
16
17
18
19
20
```