

Activities Visual Studio Code seg dez 13 14:42

ReligioFriend.cpp - 05-friend-function - Visual Studio Code

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```
1 #ifndef RELIGIOFRIEND_H
2 #define RELIGIOFRIEND_H
3
4 #include <bits/stdc++.h>
5 using namespace std;
6
7 class Religio{
8     //declarando classe friend
9     friend void alteraHMS(Religio &r);
10
11 public:
12     Religio(int, int, int);
13     void setHora(int, int, int);
14     void printHora();
15
16 private:
17     int h, m, s;
18 };
19 #endif
```

```
1 #include "ReligioFriend.h"
2 #include <bits/stdc++.h>
3
4 using namespace std;
5
6 Religio::Religio(int hr = 0, int min = 0, int seg = 0){
7     setHora(hr, min, seg);
8 }
9
10 void Religio::setHora(int hr, int min, int seg){
11     h = hr;
12     m = min;
13     s = seg;
14 }
15
16 void Religio::printHora(){
17     cout << h << ':' << m << ':' << s << endl;
18 }
19
20 //passando por referencia
21 void alteraHMS(Religio &r){
22     r.h = 10;
```

```
1 #include "ReligioFriend.h"
2 #include <bits/stdc++.h>
3
4 using namespace std;
5
6 int main(){
7     //criando objeto
8     Religio r(12, 0, 0);
9     r.printHora();
10     //passando objeto como parametro
11     alteraHMS(r);
12     r.printHora();
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
isaac@isaac-VirtualBox:~/Desktop/atividade/05-friend-function/relogio-friend$ make
g++ -c ReligioFriend.cpp -o ReligioFriend.o -Wall
g++ ReligioFriend.o main.o -o programa
isaac@isaac-VirtualBox:~/Desktop/atividade/05-friend-function/relogio-friend$ ./programa
12:0:0
10:10:0
isaac@isaac-VirtualBox:~/Desktop/atividade/05-friend-function/relogio-friend$
```

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