

Mega Project

Summer Training

Problem Solving Tasks

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Task 1 -> Fixed Password 1114

Task 2 -> Type of Fuel 1134

Task 1: Fixed Password

Problem Code: 1114

Beecrowd Accepted:

SUBMISSION # 29089355	
PROBLEM:	1114 - Fixed Password
ANSWER:	Accepted
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	361 Bytes
MEMORY:	-
SUBMISSION:	8/3/22, 6:16:04 AM

SOURCE CODE	
1	#include <iostream>
2	
3	using namespace std;
4	
5	int main() {
6	
7	int password;
8	bool flag = true;
9	while (flag){
10	cin>>password;
11	if (password == 2002){
12	cout<<"Acesso Permitido"<<endl;
13	flag = false;
14	}
15	else{
16	cout<<"Senha Invalida"<<endl;
17	}
18	}
19	
20	return 0;

Source Code:

```
#include <iostream>
using namespace std;
int main(){

    int password;
    bool flag = true;
    while (flag){
        cin>>password;
        if (password == 2002){
            cout<<"Acesso Permitido"<<endl;
            flag = false;
        }
        else{
            cout<<"Senha invalida"<<endl;
        }
    }
    return 0;
}
```

Task 2: Type of Fuel

Problem Code: 1134

Beecrowd Accepted:

SUBMISSION # 29089594	
PROBLEM:	1134 - Type of Fuel
ANSWER:	Accepted
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	646 Bytes
MEMORY:	-
SUBMISSION:	8/3/22, 7:08:04 AM

SOURCE CODE	
1	#include <iostream>
2	
3	using namespace std;
4	
5	int main() {
6	int fuel_type;
7	int alcholCounter = 0, dieselCounter = 0, gasolineCounter = 0 ;
8	cin >> fuel_type;
9	while(fuel_type != 4){
10	if(fuel_type == 1){
11	alcholCounter++;
12	}
13	else if(fuel_type == 2){
14	gasolineCounter++;
15	}
16	else if(fuel_type == 3){
17	dieselCounter++;
18	}
19	cin >> fuel_type;
20	}

Source Code:

```
#include <iostream>
using namespace std;
int main(){
    int fuel_type;
    int alcholCounter = 0, dieselCounter = 0, gasolineCounter = 0 ;
    cin >> fuel_type;
    while(fuel_type != 4){
        if(fuel_type == 1){
            alcholCounter++;
        }
        else if(fuel_type == 2){
            gasolineCounter++;
        }
        else if(fuel_type == 3){
            dieselCounter++;
        }
        cin >> fuel_type;
    }
    cout<<"MUITO OBRIGADO"<<endl;
    cout<<"Alcool: "<<alcholCounter<<endl;
    cout<<"Gasolina: "<<gasolineCounter<<endl;
    cout<<"Diesel: "<<dieselCounter<<endl;
    return 0;
}
```