

The screenshot displays the Visual Studio Code editor with three files open: `CommissionEmployee.h`, `CommissionEmployee.cpp`, and `main.cpp`. The `main.cpp` file contains the following code:

```
#include "CommissionEmployee.h"
#include <iostream>
using namespace std;

int main() {
    //criando objeto comissao
    CommissionEmployee employee("Sue", "Jones", "222-22-2222", 10000
    cout << fixed << setprecision(2);

    //obtem os dados do empregado comissionado
    cout << "Employee information obtained by get functions:" << endl;
    cout << "First name is: " << employee.getFirstName() << endl;
    cout << "Last name is: " << employee.getLastName() << endl;
    cout << "Social security number is: " << employee.getSocialSecurityNumber() << endl;
    cout << "Gross sales is: " << employee.getGrossSales() << endl;
    cout << "Commission rate is: " << employee.getCommissionRate() << endl;

    //configurando vendas brutas
    employee.setGrossSales(8000);
    //configurando a taxa de comissao
    employee.setCommissionRate(.1);

    cout << "\nUpdated employee information output by print function\n";
    employee.print();

    //exibindo o rendimento do empregado
    cout << "\nEmployee's earnings: $" << employee.earnings() << endl;
}
```

The `CommissionEmployee.h` header defines the class `CommissionEmployee` with private attributes `firstName`, `lastName`, `socialSecurityNumber`, `grossSales`, and `commissionRate`. It also declares public methods for getters, setters, and a `print` method.

The `CommissionEmployee.cpp` source file implements these methods, including constructors, accessors, mutators, and the `print` and `earnings` methods.

The Output window at the bottom shows the execution results:

```
isaacs@isac-VirtualBox:~/Desktop/atividade/00-heranca/01$ make
g++ -c main.cpp -o main.o -Wall
g++ -c CommissionEmployee.cpp -o CommissionEmployee.o -std=c++11
g++ main.o CommissionEmployee.o -o programa
isaacs@isac-VirtualBox:~/Desktop/atividade/00-heranca/01$ ./programa
Employee information obtained by get functions:
First name is: Sue
Last name is: Jones
Social security number is: 222-22-2222
Gross sales is: 10000.00
Commission rate is: 0.10

Updated employee information output by print function:

commission employee: Sue Jones
social security number: 222-22-2222
gross sales: 8000.00
commission rate is: 0.10

Employee's earnings: $800.00
isaacs@isac-VirtualBox:~/Desktop/atividade/00-heranca/01$
```

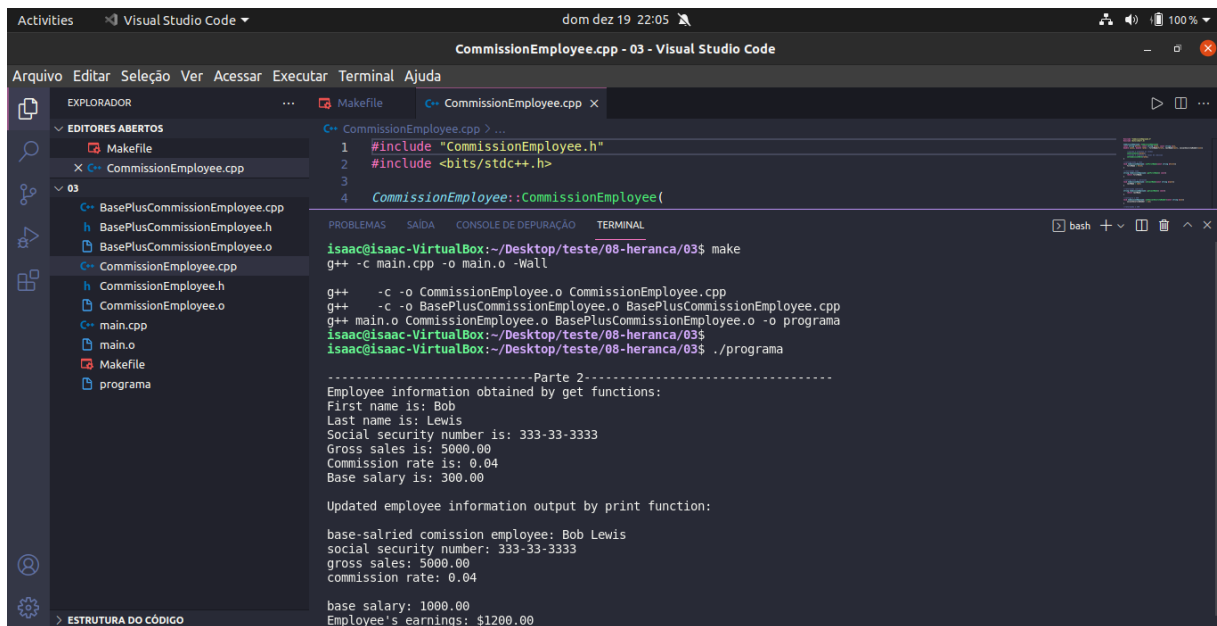
The image shows a Visual Studio Code editor with three C++ files open: `CommissionEmployee.h`, `CommissionEmployee.cpp`, and `main.cpp`. The `main.cpp` file is the active editor, showing the `main` function. The terminal at the bottom displays the output of the program, which includes employee information and earnings for Bob Lewis.

```
Employee's earnings: $800.00
-----Parte 2-----
Employee information obtained by get functions:
First name is: Bob
Last name is: Lewis
Social security number is: 333-33-3333
Gross sales is: 5000.00
Commission rate is: 0.04
Base salary is: 300.00

Updated employee information output by print function:
commission employee: Bob Lewis
social security number: 333-33-3333
gross sales: 5000.00
commission rate: 0.04
base salary: 300.00

Employee's earnings: $1200.00
isaac@isaac-VirtualBox: ~/Desktop/atividade-08-heranca/02
```

03)



```
Activities Visual Studio Code dom dez 19 22:05
CommissionEmployee.cpp - 03 - Visual Studio Code

Arquivo Editar Seleção Ver Acessar Executar Terminal Ajuda

EXPLORADOR Makefile CommissionEmployee.cpp x
EDITORES ABERTOS
  Makefile
  CommissionEmployee.cpp
  03
    BasePlusCommissionEmployee.cpp
    BasePlusCommissionEmployee.h
    BasePlusCommissionEmployee.o
    CommissionEmployee.cpp
    CommissionEmployee.h
    CommissionEmployee.o
    main.cpp
    main.o
    Makefile
    programa

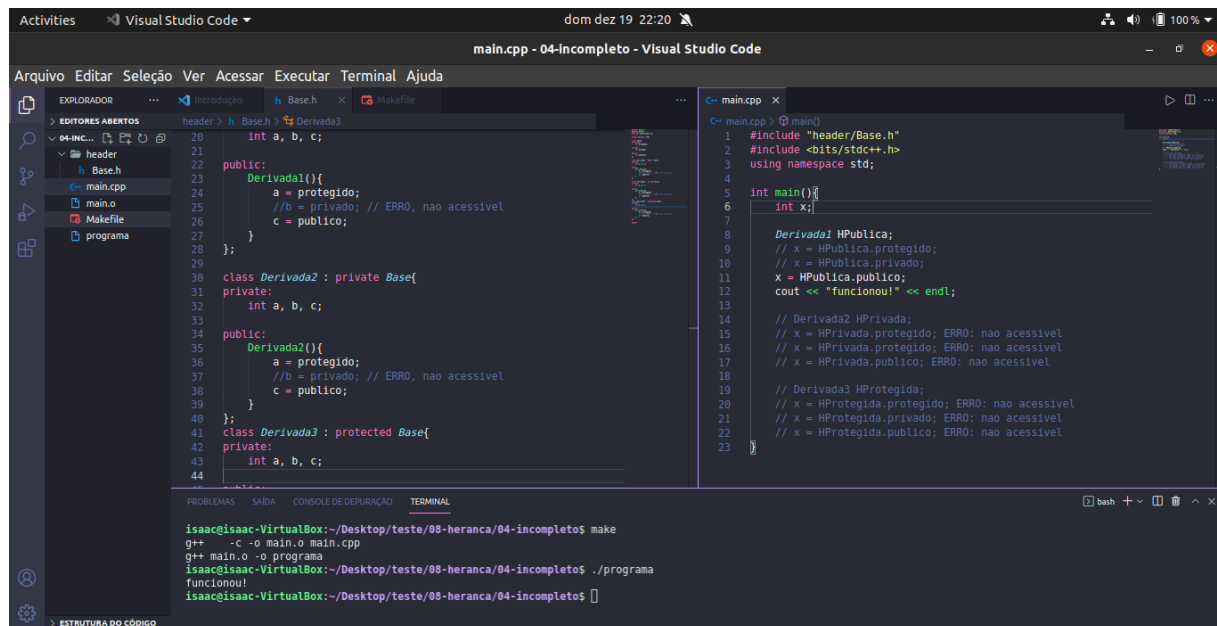
PROBLEMAS SAÍDA CONSOLE DE DEBURAÇÃO TERMINAL
isaac@isaac-VirtualBox: ~/Desktop/teste/08-heranca/03$ make
g++ -c main.cpp -o main.o -Wall
g++ -c -o CommissionEmployee.o CommissionEmployee.cpp
g++ -c -o BasePlusCommissionEmployee.o BasePlusCommissionEmployee.cpp
g++ main.o CommissionEmployee.o BasePlusCommissionEmployee.o -o programa
isaac@isaac-VirtualBox: ~/Desktop/teste/08-heranca/03$ ./programa
-----Parte 2-----
Employee information obtained by get functions:
First name is: Bob
Last name is: Lewis
Social security number is: 333-33-3333
Gross sales is: 5000.00
Commission rate is: 0.04
Base salary is: 300.00

Updated employee information output by print function:

base-salried comission employee: Bob Lewis
social security number: 333-33-3333
gross sales: 5000.00
commission rate: 0.04

base salary: 1000.00
Employee's earnings: $1200.00
```

04)



```
Activities Visual Studio Code dom dez 19 22:20
main.cpp - 04-Incompleto - Visual Studio Code

Arquivo Editar Seleção Ver Acessar Executar Terminal Ajuda

EXPLORADOR Introdução h Base.h x Makefile
EDITORES ABERTOS
  04-INCOMPLETO
  header
  Base.h
  main.cpp
  main.o
  Makefile
  programa

PROBLEMAS SAÍDA CONSOLE DE DEBURAÇÃO TERMINAL
isaac@isaac-VirtualBox: ~/Desktop/teste/08-heranca/04-incompleto$ make
g++ -c -o main.o main.cpp
g++ main.o -o programa
isaac@isaac-VirtualBox: ~/Desktop/teste/08-heranca/04-incompleto$ ./programa
funcionou!
isaac@isaac-VirtualBox: ~/Desktop/teste/08-heranca/04-incompleto$
```

05)

```
1 #include "header/Imovel.h"
2 #include <bits/stdc++.h>
3 using namespace std;
4
5 void Imovel::setEndereco(){
6     cout << "Endereco:" << endl;
7     getline(cin, endereco);
8 }
9
10 void Imovel::setBairro(){
11     cout << "Bairro:" << endl;
12     getline(cin, bairro);
13 }
14 void Imovel::setAreaUtil(){
15     cout << "Area utili:" << endl;
```

```
1 #include "header/Venda.h"
2 #include <bits/stdc++.h>
3 using namespace std;
4
5 int main(){
6     Venda galpao;
7     galpao.set();
8     cout << "\n-----" << endl;
9     galpao.print();
10 }
```

```
isaac@isaac-VirtualBox:~/Desktop/atividade/05-heranca/05$ g++ -c Cadastro.cpp Imovel.cpp Tipo.cpp Venda.cpp
isaac@isaac-VirtualBox:~/Desktop/atividade/05-heranca/05$ g++ Cadastro.o Imovel.o Tipo.o Venda.o main.cpp -o programa
isaac@isaac-VirtualBox:~/Desktop/atividade/05-heranca/05$ ./programa
Proprietario:
Nome:
Isaac
Telefone:
40828922
Imovel:
Endereco:
rua tal com a 12
Bairro:
manguinha
Area total:
1800
Area utili:
408
Tipo do imovel:
galpao
Valor de venda:
500
-----
Proprietario:
Nome:Isaac
Telefone:40828922
Imovel:
Endereco:rua tal com a 12
Bairro:manguinha
Area utili:408
Area total:1800
Quartos:1591800767
Tipo do imovel:
```