

## BILL PAYMENT

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
Int main()
```

 $\{$ 

```
Int units;
```

```
Float total_bill;
```

```
Printf("*****\n*****");
```

[illegible]

```
Printf("*****\n");
```

```
Printf("ELECTRICITY BOARD RATE CHART (Rates/Unit)\n");
```

```
Printf("An electricity board charges the following rates to domestic users to discourage large  
consumption of energy:\n");
```

Sleep(2);

```
Printf("\t\t\t\t0 Unit to 50 Units =Rs.5.0/Unit\n");
```

Sleep(1);

```
Printf("\t\t\t51 Units to 100 Units =Rs.5.5/Unit\n");
```

Sleep(1);

```
Printf("\t\t\t101 Units to 200 Units =Rs.6.0/Unit\n");
```

```
Sleep(1);
```

```
Printf("\t\t\t201 Units to 300 Units =Rs.6.5/Unit\n");
```

```
Sleep(1);
```

```
Printf("\t\t\t301 Units to 400 Units =Rs.7.0/Unit\n");
```

```
Sleep(1);
```

```
Printf("\t\t\t401 Units to 500 Units =Rs.7.5/Unit\n");
```

```
Sleep(1);
```

```
Printf("\t\t\tand more than 500 Units =Rs.8.0/Unit\n");
```

```
Sleep(1);
```

```
Printf("*****\n*****\n");
```

```
Sleep(2);
```

```
For(int i=0;i<100;i++)
```

```
{
```

```
Printf("\nPlease enter the number of units which has been consumed as per meter reading:");
```

```
Scanf("%d", & units);
```

```
If (units <= 50)
```

```
Total_bill = units * 5.0;
```

Else if (units <= 100)

Total\_bill = units \* 5.5;

Else if (units <= 200)

Total\_bill = units \* 6.0;

Else if (units <= 300)

Total\_bill = units \* 6.5;

Else if (units <= 400)

Total\_bill = units \* 7.0;

Else if (units <= 500)

Total\_bill = units \* 7.5;

Else total\_bill = units \* 8.0;

Printf("\n\nThe bill to be paid Rs.%.2f", total\_bill);

Getch();

}

}

**Algorithm for BILL PAYMENT**

Step 1:- Start

Step 2:- Initialise the variables

Step 3:- Enter the number of units which has been consumed by the meter

Step 4:- If number of units are less than or equal to 50 then the unit charge is 5 rupees

Else If number of units are less than or equal to 100 then the unit charge is 5.5 rupees

Else If number of units are less than or equal to 200 then the unit charge is 6 rupees

Else If number of units are less than or equal to 300 then the unit charge is 6.5 rupees

Else If number of units are less than or equal to 400 then the unit charge is 7.0 rupees

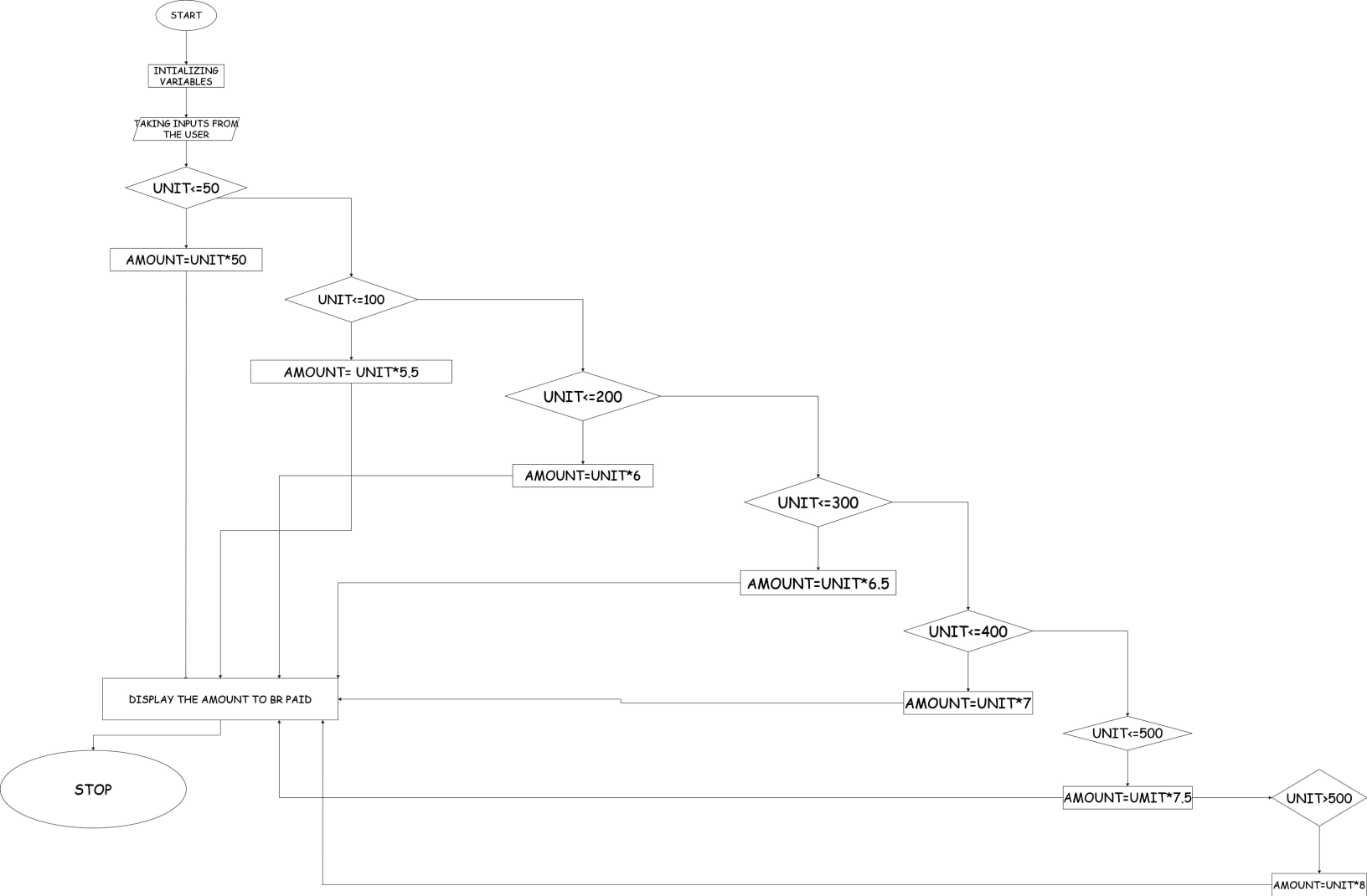
Else If number of units are less than or equal to 500 then the unit charge is 7.5 rupees

Else If number of units are greater than 500 then the unit charge is 8 rupees

Step 5:- Print the total bill according to the users choice.

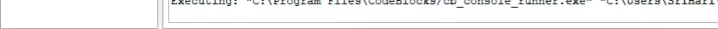
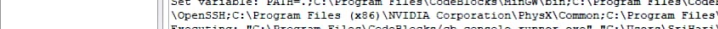
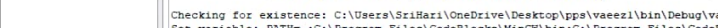
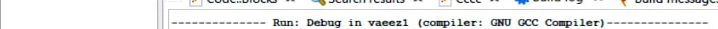
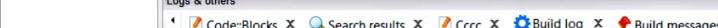
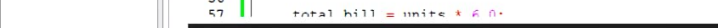
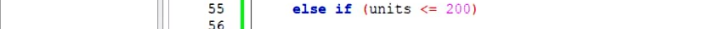
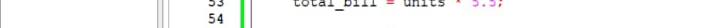
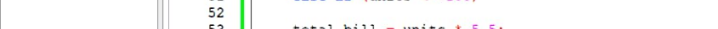
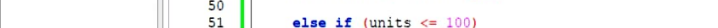
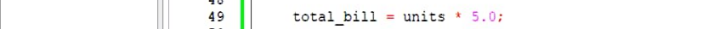
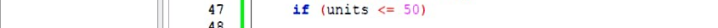
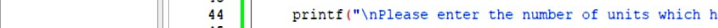
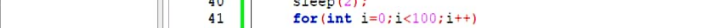
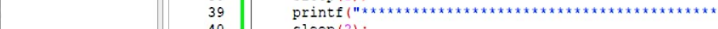
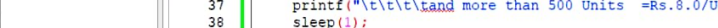
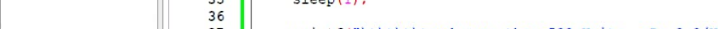
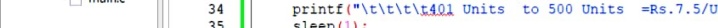
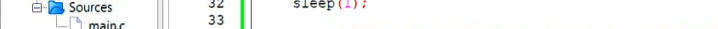
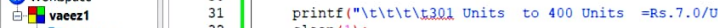
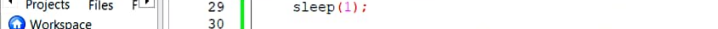
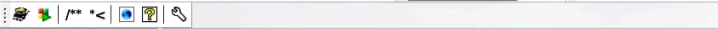
Step 6 :- Stop





Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Closed

```
----- Run: Debug in vaeelz (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\SriHari\OneDrive\Desktop\pps\vaeelz\bin\Debug\vaeelz.exe
Set variable: PATH=-j;c:\Program Files\CodeBlocks\MinGW\bin;c:\Program Files\CodeBlocks\MinGW\bin\c:\Windows\System32;c:\Windows\System32\WindowsPowerShell\v1.0;c:\Windows\System32\OpenSSH;c:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;c:\Program Files\NVIDIA Corporation\NVIDIA NVDLISER;c:\Users\SriHari\AppData\Local\Microsoft\WindowsApps
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\SriHari\OneDrive\Desktop\pps\vaeelz\bin\Debug\vaeelz.exe" (in C:\Users\SriHari\OneDrive\Desktop\pps\vaeelz\.)
```



```
29     sleep(1);
30
31     printf("\t\t\t\t\t301 Units   to 400 Units   =Rs.7.0/Unit\n");
32     sleep(1);
33
34     printf("\t\t\t\t\t401 Units   to 500 Units   =Rs.7.5/Unit\n");
35     sleep(1);
36
37     printf("\t\t\t\t\tand more than 500 Units =Rs.8.0/Unit\n");
38     sleep(1);
39     printf("*****\n");
40     sleep(2);
41     for(int i=0;i<100;i++)
42     {
43
44         printf("\nPlease enter the number of units which has been consumed as per meter reading:");
45
46         scanf("%d", &units);
47         if (units <= 50)
48
49             total_bill = units * 5.0;
50
51         else if (units <= 100)
52
53             total_bill = units * 5.5;
54
55         else if (units <= 200)
56
57             total_bill = units * 6.0;
```

## Logs &amp; others

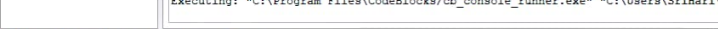
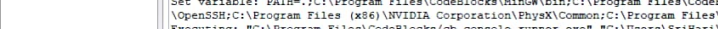
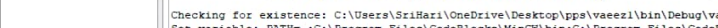
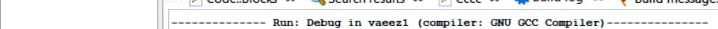
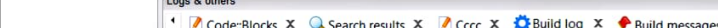
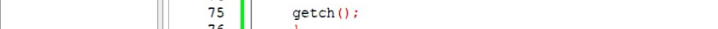
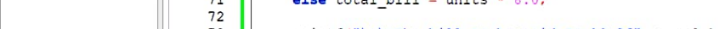
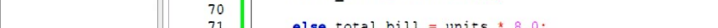
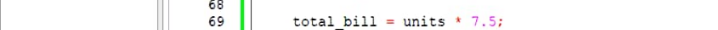
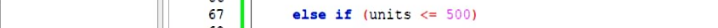
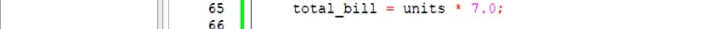
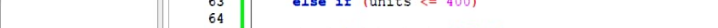
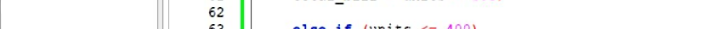
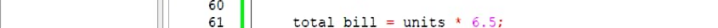
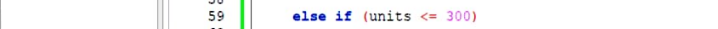
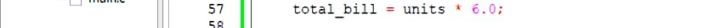
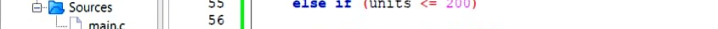
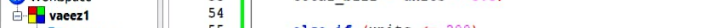
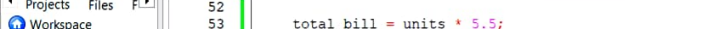
Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages X Cscope X Debugger X DoxyBlocks X Fortran info X Closed X

Run: Debug in vaez1 (compiler: GNU GCC Compiler)

Checking for existence: C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\bin\Debug\vaez1.exe  
Set variable: PATH=C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin;C:\Windows\System32;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Users\SriHari\AppData\Local\Microsoft\WindowsApps  
Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\bin\Debug\vaez1.exe" (in C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\.)







## Logs &amp; others

Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages X Cscope X Debugger X DoxyBlocks X Fortran info X Closed X

Run: Debug in vaez1 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\bin\Debug\vaez1.exe  
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin\c\Windows\System32;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Users\SriHari\AppData\Local\Microsoft\WindowsApps  
Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\bin\Debug\vaez1.exe" (in C:\Users\SriHari\OneDrive\Desktop\pps\vaez1\.)

Select C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe

Management

Projects Files

Workspace

vaeez1

Sources

main

```
ELECTRICITY BOARD RATE CHART (Rates/Unit)
An electricity board charges the following rates to domestic users to discourage large consumption of energy:
```

```
0 Unit to 50 Units =Rs.5.0/Unit
51 Units to 100 Units =Rs.5.5/Unit
101 Units to 200 Units =Rs.6.0/Unit
201 Units to 300 Units =Rs.6.5/Unit
301 Units to 400 Units =Rs.7.0/Unit
401 Units to 500 Units =Rs.7.5/Unit
and more than 500 Units =Rs.8.0/Unit
```

```
*****

Please enter the number of units which has been consumed as per meter reading: _
```

Logs &amp; others

```
Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Closed x

----- Run: Debug in vaeez1 (compiler: GNU GCC Compiler) -----
Checking for existence: C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe
Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin\Debug\vaeez1.exe
OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Users\SriHari\AppData\Local\Microsoft\WindowsApps
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe" (in C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\.)
```



C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe

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vaeez1

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ELECTRICITY BOARD RATE CHART (Rates/Unit)

An electricity board charges the following rates to domestic users to discourage large consumption of energy:

0 Unit to 50 Units =Rs.5.0/Unit

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101 Units to 200 Units =Rs.6.0/Unit

201 Units to 300 Units =Rs.6.5/Unit

301 Units to 400 Units =Rs.7.0/Unit

401 Units to 500 Units =Rs.7.5/Unit

and more than 500 Units =Rs.8.0/Unit

Please enter the number of units which has been consumed as per meter reading:32

The bill to be paid Rs.160.00

Please enter the number of units which has been consumed as per meter reading:86

The bill to be paid Rs.473.00

Please enter the number of units which has been consumed as per meter reading:432

The bill to be paid Rs.3240.00\_

Logs &amp; others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Closed

----- Run: Debug in vaeez1 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe

Set variable: PATH=.;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;C:\Users\SriHari\AppData\Local\Microsoft\WindowsApps

Executing: "C:\Program Files\CodeBlocks\cb\_console\_runner.exe" "C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\bin\Debug\vaeez1.exe" (in C:\Users\SriHari\OneDrive\Desktop\pps\vaeez1\.)

