

TEST LOGS:

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PROGRAM : Blood_Alcohol_Concentration_Chart_creator.cpp
PURPOSE : This program will create a nice BAC [Blood Alcohol Concentration] Chart for both Male
and Female persons, which is
    strongly correlated with driving impairment. For this reason, the program will take two integer
values, [one for
    getting the weight of the user, another for having the time(in minutes) since the user had his/her
last drink], and a character
    value [for getting the information, whether the user is 'M' for male or 'F' for female.] as inputs.
After giving all these
    information properly as inputs, the program will show a whole detailed BAC chart [for that
particular inputs.] as an output.
Coder : Mosfiqur Rahman (mr986@drexel.edu)
Last Modified : 16th February, 2016.
*****
*****/
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Test Log:- 1

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/home/mosfiqur/Desktop/CS-171/HW_3/HW_3_CS_171/Blood_Alcohol_Concentration_Chart_creator
Welcome to BAC [Blood Alcohol Concentration] Chart creator!

Please, enter your weight [in pounds]: 210
Great! Now, please, enter the time [in minutes] since you last drink: 60
At last, please tell me your gender [as 'M' or 'F']: M

210 pounds, male, 60 minutes since last drink
# drinks    BAC    Status
  0  0.000  Safe To Drive
  1  0.003  Some Impairment
  2  0.021  Some Impairment
  3  0.039  Some Impairment
  4  0.057  Driving Skills Significantly Affected
  5  0.075  Driving Skills Significantly Affected
  6  0.094  Criminal Penalties in Most US States
  7  0.112  Legally Intoxicated - Criminal Penalties in All US States
  8  0.130  Legally Intoxicated - Criminal Penalties in All US States
  9  0.148  Legally Intoxicated - Criminal Penalties in All US States
 10  0.166  Legally Intoxicated - Criminal Penalties in All US States
 11  0.184  Legally Intoxicated - Criminal Penalties in All US States

Process returned 0 (0x0)   execution time : 17.355 s
Press ENTER to continue.
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Test Log:- 2

```
/home/mosfiqur/Desktop/CS-171/HW_3/HW_3_CS_171/Blood_Alcohol_Concentration_Chart_creator
Welcome to BAC [Blood Alcohol Concentration] Chart creator!

Please, enter your weight [in pounds]: 150
Great! Now, please, enter the time [in minutes] since you last drink: 0
At last, please tell me your gender [as 'M' or 'F']: F

150 pounds, female, 0 minutes since last drink
# drinks    BAC    Status
0 0.000 Safe To Drive
1 0.030 Some Impairment
2 0.060 Driving Skills Significantly Affected
3 0.090 Criminal Penalties in Most US States
4 0.120 Legally Intoxicated - Criminal Penalties in All US States
5 0.150 Legally Intoxicated - Criminal Penalties in All US States
6 0.180 Legally Intoxicated - Criminal Penalties in All US States
7 0.210 Legally Intoxicated - Criminal Penalties in All US States
8 0.240 Legally Intoxicated - Criminal Penalties in All US States
9 0.270 Legally Intoxicated - Criminal Penalties in All US States
10 0.300 Legally Intoxicated - Criminal Penalties in All US States
11 0.330 Death is Possible!

Process returned 0 (0x0)    execution time : 13.248 s
Press ENTER to continue.
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Test Log:- 3

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/home/mosfiqur/Desktop/CS-171/HW_3/HW_3_CS_171/Blood_Alcohol_Concentration_Chart_creator
Welcome to BAC [Blood Alcohol Concentration] Chart creator!

Please, enter your weight [in pounds]: 200
Great! Now, please, enter the time [in minutes] since you last drink: 80
At last, please tell me your gender [as 'M' or 'F']: F

200 pounds, female, 80 minutes since last drink
# drinks    BAC    Status
0 0.000 Safe To Drive
1 0.002 Some Impairment
2 0.025 Some Impairment
3 0.048 Driving Skills Significantly Affected
4 0.070 Driving Skills Significantly Affected
5 0.092 Criminal Penalties in Most US States
6 0.115 Legally Intoxicated - Criminal Penalties in All US States
7 0.138 Legally Intoxicated - Criminal Penalties in All US States
8 0.160 Legally Intoxicated - Criminal Penalties in All US States
9 0.183 Legally Intoxicated - Criminal Penalties in All US States
10 0.205 Legally Intoxicated - Criminal Penalties in All US States
11 0.228 Legally Intoxicated - Criminal Penalties in All US States

Process returned 0 (0x0)    execution time : 41.125 s
Press ENTER to continue.
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Test Log:- 4

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/home/mosfiqur/Desktop/CS-171/HW_3/HW_3_CS_171/Blood_Alcohol_Concentration_Chart_creator
Welcome to BAC [Blood Alcohol Concentration] Chart creator!

Please, enter your weight [in pounds]: 180
Great! Now, please, enter the time [in minutes] since you last drink: 40
At last, please tell me your gender [as 'M' or 'F']: M

180 pounds, male, 40 minutes since last drink
# drinks    BAC    Status
  0    0.000    Safe To Drive
  1    0.011    Some Impairment
  2    0.032    Some Impairment
  3    0.053    Driving Skills Significantly Affected
  4    0.074    Driving Skills Significantly Affected
  5    0.096    Criminal Penalties in Most US States
  6    0.117    Legally Intoxicated - Criminal Penalties in All US States
  7    0.138    Legally Intoxicated - Criminal Penalties in All US States
  8    0.159    Legally Intoxicated - Criminal Penalties in All US States
  9    0.180    Legally Intoxicated - Criminal Penalties in All US States
 10    0.201    Legally Intoxicated - Criminal Penalties in All US States
 11    0.222    Legally Intoxicated - Criminal Penalties in All US States

Process returned 0 (0x0)    execution time : 18.457 s
Press ENTER to continue.
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Test Log:- 5

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/home/mosfiqur/Desktop/CS-171/HW_3/HW_3_CS_171/Blood_Alcohol_Concentration_Chart_creator
Welcome to BAC [Blood Alcohol Concentration] Chart creator!

Please, enter your weight [in pounds]: 200
Great! Now, please, enter the time [in minutes] since you last drink: 0
At last, please tell me your gender [as 'M' or 'F']: M

200 pounds, male, 0 minutes since last drink
# drinks    BAC    Status
  0    0.000    Safe To Drive
  1    0.019    Some Impairment
  2    0.038    Some Impairment
  3    0.057    Driving Skills Significantly Affected
  4    0.076    Driving Skills Significantly Affected
  5    0.095    Criminal Penalties in Most US States
  6    0.114    Legally Intoxicated - Criminal Penalties in All US States
  7    0.133    Legally Intoxicated - Criminal Penalties in All US States
  8    0.152    Legally Intoxicated - Criminal Penalties in All US States
  9    0.171    Legally Intoxicated - Criminal Penalties in All US States
 10    0.190    Legally Intoxicated - Criminal Penalties in All US States
 11    0.209    Legally Intoxicated - Criminal Penalties in All US States

Process returned 0 (0x0)    execution time : 16.659 s
Press ENTER to continue.
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