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| Program2.1: | In a town, the percentage of men is 52. The percentage of total literacy is 48. If total percentage of literate men is 35 of total population, write a program to find the total illiterate men and women if total population of town is 80000.   |  |  |  | | --- | --- | --- | | Sr No | Get Outcome | Value | | 1 | Total population | 80000 | | 2 | Literate(men+women) | 38399 | | 3 | Total Men | 41600 | | 4 | Literate Men | 27999 | | 5 | Illiterate Men | 13601 | | 6 | Total Women | 38400 | | 7 | Literate Women | 10400 | | 8 | Illiterate Women | 20000 | |
| Algorithm: | Step1: Start  Step2: Total Population=80000  Step3: Total Men ,Total Women ,Literate Men ,Literate Women, Illiterate Men,  Illiterate Women, Literate (Men +Women)  Step4: Total Men = Total Population\*0.52  Step5: Total Women=Total Population-Total Men  Step6: Literate Men=Total Population\*0.35  Step7: Illiterate Men=Total Men-Literate Men  Step8: Total Literacy=80000\*0.48  Step9: Literate Women=Total Literacy-Literate Men  Step10: Illiterate Women= Total Women-Literate Women  Step11: End |

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| Flowchart: | Print Total Population ,Number of Men ,Number Of Women, Literate Men, Literate Women ,Illiterate Men ,Illiterate women ,Literate(Man +Women)  Number of Men=Total Population\*0.52  Number of Women=Total Population-Number of men  Literate Men=Total Population\*0.35  Illiterate Men=Total Men-Literate Men  Total Literacy=Total Population\*0.48  Literate Women=Total Literacy-Literate Men  Illiterate Women=Total women-Literate Women  Literate(Men+ Women)=Literate Men+ Literate Women  Declare TotalPopulation=80000,TotalMen,TotalWomen,LiterateMen,LiterateWomen,IlliterateMen,IlliterateWomen,Literate(Men+Women) |

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| Code: |  |
| Output: |  |

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| Question Answer? | Have this scenario helped you to learn about integer and float datatypes? If yes, then mention the requirements of using integer and float datatypes.  Answer:  Yes, it helped very much to do the use of integer and float datatypes. Here Integer datatypes is used to assign the value to the variables and similarly float datatype is used to assign the float values to the variables, |