**Task 1 Table:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Line number | number | i | output | comments |
| 5 | 5(input) | \_ | \_ | Initial user input |
| 7 | 5 | 1 | “5\*1=5” | Start loop for multiplication table |
| 7 | 5 | 2 | “5\*2=10” | Continues loop |
| ……. | ……. | ……. | …… | Repeats for I from 1 to 10 |
| 7 | 5 | 10 | “5\*10=50” | Last iteration of loop |
| 10 | 5 | \_ | \_ | Program ends |

**Tasks** 2 table :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Line number** | **number** | **i** | **output** | **comments** |
| 5 | **5**(input) | \_ | \_ | Initial user input |
| 7 | 5 | 5 | “5” | Starts count  Down loop |
| 7 | 5 | 4 | “4” | Decrementing  loop |
| **…..** | ……. | …… | …… | Repeats until I reaches 1 |
| **7** | 5 | 1 | “1” | Last iteration of countdown |
| **10** | 5 | \_ | \_ | Program ends |

**Tasks 3 table:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Line number | number | sum | output | comments |
| 6 | **\_** | 0 | - | Initialize sum to 0 |
| 9 | 5 | 5 | - | First input,add to sum |
| 9 | 10 | 15 | \_ | Second input,add to sum |
| 9 | -2 | 15 | “Total sum:15” | Negative number, stop  loop |
| 13 | - | 15 | **-** | Program ends |

**Tasks 4 table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line number | n | sum | i | output | comments |
| 6 | 10 | 0 | 1 | - | Initial user  input |
| 9 | 10 | 1 | 3 | - | Add 1 to sum |
| 9 | 10 | 4 | 5 | - | Increment I,add 3 to sum |
| ……. | …… | ……. | …… | ….. | Continues loop for add number |
| 12 | 10 | 25 | \_ | “sum of add numbers between 1 and 10 is :25” | Sum of add numbers from 1 to 10 |

**Tasks 5 table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Line number | days | temp | sum | i | output | comments |
| 5 | 7 | \_ | 0 | 1 | \_ | Start with day 1 |
| 10 | 7 | 25 | 25 | 2 | \_ | Add day 1 temp |
| 10 | 7 | 27 | 52 | 3 | \_ | Add day 2 temp |
| …… | ..... | …… | …… | …… | …… | Repeats for each day |
| 13 | 7 | \_ | 175 | \_ | **“**average temperature for the week 25” | Compute and display average temp |

**Tasks 6 table:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Line number | balance | withdrawal | output | comments |
| 5 | 100 | **-** | - | Initial balance input |
| 10 | 100 | 20 | “Withdrawal successful.  Remaining balance 80” | Withdrawal within balance |
| 10 | 80 | 90 | “insufficient balance” | Attempt to withdraw more than balance |
| 10 | 80 | 0 | **“**final balance:80” | 0 input exits the loop. |