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| --- | --- | --- | --- | --- | --- |
| tasks | Line number | variable | conditions | output | comments |
| Tasks 1(age  Classification) | 5 | Age=10 | \_ | Enter your age | Taking input for age |
|  | 7 | \_ | Age<0  (false) | \_ | Checking if age  Is negative |
|  | 10 | \_ | Age<=12  (true) | child | Age is classified as a child |
|  | 20 | Age=16 | \_ | Enter your age | New input for age |
|  | 13 | \_ | Age>13&&  Age<=19  (true) | teenager | Classified as  A teenager |
|  | 26 | Age=30 | \_ | Enter your age | New input for  age |
|  | 17 | \_ | Age>=20&&  Age<=60(true) | adult | Classified as an adult |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Tasks 2 | Line number | variable | conditions | output | comments |
| Tasks 2(simple  Calculator) | 5 | Operation=  ‘+’ num1=5  Num2=3 | \_ | Enter an operator  (+,-,\*,/): | Taking input for operator |
|  | 10 | \_ | Operation==  ‘+’(true) | 5+3=8 | Performs  additions |
|  | 8 | Operation=’-’  Num1=5,  Num2=2 | - | Enter an  Operation(-): | Operator  Changed to  Subtraction. |
|  | 12 | - | Operation==  ‘-’(true) | 5-3=2 | Performs  Subtraction. |

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| tasks | Line number | variable | conditions | output | comments |
| Tasks 3(bank  transaction | 6 | Service=’D’  Amount=2000,  Balance=10000 | - | Select a bank  Operation. | Takes input for  Operation type. |
|  | 11 | - | Service==  ‘D’(true) | Deposited:  1990.0 | Deposits  Amount with  O.5% charge. |
|  | 18 | Service=’W’  Amount=5000 | Amount +  Charge<=  balance | With draw:  5000 | Withdraw with  1.5% charge. |
|  | 26 | Service=’T’  Amount=3000 | Amount +  Charge<=  balance | Transferred  3000 | Transfer with  2.5% charge. |

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| --- | --- | --- | --- | --- | --- |
| tasks | Line number | variables | conditions | output | comments |
| Tasks 4(Day of  The week) | 6 | Day=1 | Case=1(true) | Start of the workweek. | Matches  Monday. |
|  | 7 | Day=2 | Case 2(true) | Its Tuesday,  Stay  productive | Matches Tuesday. |
|  | 9 | Day=5 | Case 5(true) | TGIF! | Matches Friday. |
|  | 11 | DAY=7 | Case 4(true) | Almost the  Weekend. | Matches  Thursday. |
| Tasks 5(Day of  The week  Repeated) | 6 | Day=1 | Case 1(true) | Start of the  Work week | Matches  Monday |
|  | 7 | Day=3 | Case 3(true) | Its Wednesday  Keep going | Matches  Wednesday. |
|  | 8 | DAY=5 | Case 5(true) | TGIF! | Matches  Friday |
|  | 9 | Day=7 | Case 7(true) | Enjoy your  Sunday! | Matches  Sunday. |
|  | 10 | Day=6 | default | Invalid day  selection | Handles invalid  Day selection |