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| VARIABLE  Variable Table | DATATYPE | DESCRIPTION |
| name | String | To store name of the user |
| game[] | String | To store name of games |
| year[] | int | To store year of games |
| genre[] | String | To store genre of games |
| cost[] | double | To store cost of games |
| billitems[] | String | To store the items which the user buys |
| billcost[] | double | To store the cost of the items which the user buys |
| ctr1 | int | To compute the extent of array billitems[] |
| ctr2 | int | To compute the extent of array billcost[] |
| address | String | To store address of the user |
| choice1 | int | To store choice of the user |
| choice2 | int | To store choice of the user |
| releases2016[] | String | To store game releases of 2016 |
| genre2016[] | String | To store genre of games released in 2016 |
| cost2016[] | double | To store cost of games released in 2016 |
| ctr2016 | int | To compute extent of arrays releases2016[], cost2016[] and genre2016[] |
| h | int | To store number to buy |
| choi | char | To store choice of user |
| j | int | To store choice of user |
| x | int | To store choice of user |
| gchoice | int | To store choice of genre |
| adyear[] | int | To store year of "Adventure" genre games |
| adcost[] | double | To store cost of "Adventure" genre games |
| adname[] | String | To store name of "Adventure" genre games |
| ctrad | int | To compute extent of arrays adyear[], adcost[] and adname[] |
| acyear[] | int | To store year of "Action" genre games |
| accost[] | double | To store cost of "Action" genre games |
| acname[] | String | To store name of "Action" genre games |
| ctrac | int | To compute extent of arrays acyear[], accost[] and acname[] |
| f | int | To store number to buy |
| cho | char | To store choice of user |
| acdyear[] | int | To store year of "Action and Adventure" genre games |
| acdcost[] | double | To store cost of "Action and Adventure" genre games |
| acdname[] | String | To store name of "Action and Adventure" genre games |
| ctracd | int | To compute extent of arrays acdyear[], acdcost[] and acdname[] |
| g | int | To store number to buy |
| ch | char | To store choice of user |
| spyear[] | int | To store year of "Sports" genre games |
| spcost[] | double | To store cost of "Sports" genre games |
| spname[] | String | To store name of "Sports" genre games |
| ctrsp | int | To compute extent of arrays spyear[], spcost[] and spname[] |
| k | int | To store number to buy |
| fpsyear[] | int | To store year of "First Person Shooter (FPS)" genre games |
| fpscost[] | double | To store cost of "First Person Shooter (FPS)" genre games |
| fpsname[] | String | To store name of "First Person Shooter (FPS)" genre games |
| ctrfps | int | To compute extent of arrays fpsyear[], fpscost[] and fpsname[] |
| l | int | To store number to buy |
| Ch | char | To store choice of user |
| CH | char | To store choice of user |
| ychoice | int | To store choice of year of user |
| releases2015[] | String | To store name of games released in 2015 |
| genre2015[] | String | To store genre of games released in 2015 |
| cost2015[] | double | To store cost of games released in 2015 |
| ctr2015 | int | To compute the extent of arrays releases2015[], genre2015[] and cost2015[] |
| releases2014[] | String | To store name of games released in 2014 |
| genre2014[] | String | To store genre of games released in 2014 |
| cost2014[] | double | To store cost of games released in 2014 |
| ctr2014 | int | To compute the extent of arrays releases2014[], genre2014[] and cost2014[] |
| releases2013[] | String | To store name of games released in 2013 |
| genre2013[] | String | To store genre of games released in 2013 |
| cost2013[] | double | To store cost of games released in 2013 |
| ctr2013 | int | To compute the extent of arrays releases2013[], genre2013[] and cost2013[] |
| releases2012[] | String | To store name of games released in 2012 |
| genre2012[] | String | To store genre of games released in 2012 |
| cost2012[] | double | To store cost of games released in 2012 |
| ctr2012 | int | To compute the extent of arrays releases2012[], genre2012[] and cost2012[] |
| releases2011[] | String | To store name of games released in 2011 |
| genre2011[] | String | To store genre of games released in 2011 |
| cost2011[] | double | To store cost of games released in 2011 |
| ctr2011 | int | To compute the extent of arrays releases2011[], genre2011[] and cost2011[] |
| releases2010[] | String | To store name of games released in 2010 |
| genre2010[] | String | To store genre of games released in 2010 |
| cost2010[] | double | To store cost of games released in 2010 |
| ctr2010 | int | To compute the extent of arrays releases2010[], genre2010[] and cost2010[] |