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| Test # | Menu Options | Input (KEY) | Output | Remarks |
| 1. | S – Display Hash Table Statistics | None | Load Factor  Number of linked lists  etc | It displays the data of hashtable |
| 2. | N – Primary Key Search (by Game Name) | Minecraft | Not Found |  |
| 3. | N – Primary Key Search (by Game Name) | Dota 2 | Found:  Name: Dota 2  Genre: MOBA  Developer: Valve  Release Date: 9 July 2013 | Output displayed in formatted table |
| 4. | G – Secondary Key Search ((by Genre) | FPS | Found: (8 Games)  Counter-Strike: Global Offensive  Tom Clancy’s Rainbow 6 Siege  …. | It displays all the game in the genre |
| 5. | A – Add a new game | Minecraft  Sandbox  Mojang  11 November 2011  29.99 | Minecraft has been added to the Steam Database! | Insert a new game into the database |
| 6. | D – Delete a game | Minecraft | Minecraft has been deleted! | Delete the game with given Game Name |
| 7. | D – Delete a game | Dota 2 | Dota 2 has been deleted! | Delete the game with given Game Name |
| 8. | N – Primary Key Search (by Game Name) | CSGO | Game not found! |  |
| 9. | N – Primary Key Search (by Game Name) | Counter-Strike: Global Offensive | Found:  Name: Counter-Strike: Global Offensive  Genre: FPS  Developer: Valve  Release Date: 21 August 2012 | Output displayed in formatted table |
| 10. | N – Primary Key Search (by Game Name) | Tom Clancy’s Rainbow 6 Siege | Found:  Name: Tom Clancy’s Rainbow 6 Siege  Genre: FPS  Developer: Ubisoft  Release Date: 1 Dec 2015 | Output displayed in a label format (one data |
| 11. | N – Primary Key Search (by Game Name) | Red Dead Redemption 2 | Found:  Name: Red Dead Redemption 2  Genre: Action-Adventure  Developer: Rockstar Games  Release Date: 5 December, 2019 | Output displayed in a label format (one data |
| 12. | G – Secondary Key Search ((by Genre) | MOBA |  | Blank Table |
| 13. | G– Secondary Key Search ((by Genre) | Action-Adventure | Found: (5 Games)  Red Dead Redemption 2  Sea of Thieves  …. | It displays all the game in the genre |
| 14. | G – Secondary Key Search ((by Genre) | Sandbox |  | Blank Table |
| 15. | A – Add a new game | Fortnite  Battle Royale  Epic Games  July 25, 2017  0 | Fortnite has been added to the Steam Database! | Insert a new game |
| 16. | A – Add a new game | Counter-Strike: Global Offensive  FPS  Valve  21 August, 2012  0 | Counter-Strike: Global Offensive is already in the steam Database! | Shows an error if there’s a duplicate game added to the list. |
| 17. | P – Display data sorted by Game Genre | None | Sorted data displayed as a table |  |
| 18. | D – Delete a game | DOta 2 | Gamenot found! | Delete the game with the given Game Name |
| 19. | D – Delete a game | CSGO | Gamenot found! | Delete the game with the given Game Name |
| 20. | D – Delete a game | Counter-Strike: Global Offensive | Counter-Strike: Global Offensive has been deleted! | Delete the game with the given Game Name |
| 21. | I – Creater Info | None | Displays the author of the code | It displays the information of the creator of the program |
| 22. | S – Statistics |  | Load Factor: 44.0678  Total number of collisions: 3  …. | Displays the program stats |