

# OUTPUT

- **Main Menu**

```
=====
CUSTOM PC BUILD
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice:
```

- **Login with unregistered username**

```
=====
CUSTOM PC BUILD
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 1
=====WELCOME BACK=====
Enter your username: Kunal@2007
=====
Username does not exist!
Enter your username(0 exit): 0
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice:
```

- **Signing up with new username**

```
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 2
=====
Enter your name: Kunal
Enter your email: kunal@gmail.com
=====
Invalid email! Username must be at least 4 characters and domain must be at least 3 characters.
Enter your email: kunal@gmail.com
Enter your username: kunal@009
=====
Username already exists! Please choose another one.
Enter your username: Kunal@2007
Create password: Ks1234567@
Confirm your password: Ks1234567
=====
Password do not match!
Confirm your password: Ks1234567@
=====
SignUp successful!
Now you can Login.
=====
```

- **Login with new registered username**

```
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 1
=====WELCOME BACK=====
Enter your username: Kunal@2007
Enter your password: ks1234567@
=====
Wrong password!
=====WELCOME BACK=====
Enter your username: Kunal@2007
Enter your password: Ks1234567@
=====
Login successful!
=====
Press 1 - Create PC
Press 2 - See Otehrrs PC Build
Press 3 - To Exit
=====
Enter your choice: █
```

- **Seeing other users pc builds**

```

=====
Press 1 - Create PC
Press 2 - See Otehrs PC Build
Press 3 - To Exit
=====
Enter your choice: 2
=====
Other users PC Builts are:
=====
| CPU | GPU | MOTHERBOARD | MEMMODULE | NUMBEROFMODULE | STORAGECAPCITY | PSU | TOTALPRICE |
=====
| Core i9 14901KE | Rtx 4090 | MSI Mpg Z790 Edge Ti Max Wifi | Acer Predator Vesta II | 2 | 1024GB | Cooler Master MWE V2 | 133900 |
| Ryzen 7 9700X3D | Rx 7990 Xtx | MSI Pro B650P Wifi | G.Skill Trident Z5 | 2 | 2048GB | Super Flower Leadex | 179100 |
=====
Press 1 - Create PC
Press 2 - See Otehrs PC Build
Press 3 - To Exit
=====
Enter your choice:

```

- **Creating new pc – selecting different components**

```

=====
Press 1 - Create PC
Press 2 - See Otehrs PC Build
Press 3 - To Exit
=====
Enter your choice: 1
=====
STARTING WITH CPUS=====
Select CPU brand.
Press 1 - AMD
Press 2 - Intel
=====
Enter(1/2): 1
=====
Enter number of cores: 12
Enter number of threads: 24
=====
Available CPUS are:
=====
| NAME | CORE | THREAD | SPEED | SOCKET | MODEL | WATTAGE | PRICE |
=====
| Ryzen 9 3900 | 12 | 24 | 3.1 - 4.3 Ghz | AM4 | AMD-390 | 65 | 37000 |
| Ryzen 9 3900X | 12 | 24 | 3.8 - 4.6 Ghz | AM4 | AMD-391 | 105 | 40000 |
| Ryzen 9 5900 | 12 | 24 | 3.0 - 4.7 Ghz | AM4 | AMD-590 | 65 | 28000 |
| Ryzen 9 5900X | 12 | 24 | 3.7 - 4.8 Ghz | AM4 | AMD-591 | 105 | 32000 |
| Ryzen 9 5950X | 16 | 32 | 3.4 - 4.9 Ghz | AM4 | AMD-592 | 105 | 38000 |
| Ryzen 9 7900 | 12 | 24 | 3.7 - 5.4 Ghz | AM5 | AMD-790 | 65 | 35000 |
| Ryzen 9 7900X | 12 | 24 | 4.7 - 5.6 Ghz | AM5 | AMD-791 | 170 | 37000 |
| Ryzen 9 7950X | 16 | 32 | 4.5 - 5.7 Ghz | AM5 | AMD-792 | 170 | 49000 |
| Ryzen 9 9900X | 12 | 24 | 4.4 - 5.6 Ghz | AM5 | AMD-990 | 120 | 42000 |
| Ryzen 9 9950X | 16 | 32 | 4.3 - 5.7 Ghz | AM5 | AMD-991 | 170 | 56000 |
=====
Enter model number of cpu to select: amd-799
Invalid model number selected.
Enter model number of cpu to select: amd-791
=====
Successfully selcted..
=====
NOW ON MOTHERBOARDS=====
Available Motherboards for your CPU:
=====
| NAME | SOCKET | FORMFACTOR | MEMTYPE | MODEL | PRICE |
=====
| MSI Pro B650M | AM5 | mATX | ddr5 | MB-650 | 11000 |
| Asus Prime B650M | AM5 | mATX | ddr5 | MB-651 | 13000 |
| MSI B650M Gaming Wifi | AM5 | mATX | ddr5 | MB-652 | 16000 |
| MSI Pro B650P Wifi | AM5 | mATX | ddr5 | MB-653 | 20000 |
| Asus ROG Strix B650 | AM5 | ATX | ddr5 | MB-654 | 29000 |
| Asus Tuf Gaming X670E+ | AM5 | ATX | ddr5 | MB-670 | 32000 |
| Asus ROG Crosshair X670E | AM5 | ATX | ddr5 | MB-671 | 64000 |
| Asus ROG Strix X670E-E | AM5 | ATX | ddr5 | MB-672 | 50000 |
| MSI Mag X870 | AM5 | ATX | ddr5 | MB-870 | 36000 |
=====
Enter model number of motherboard to select: mb-670
Successfully selcted..
=====
TO GET MEMORY=====
Enter memory you want per slot (in GB): 16
Enter the number of memory module required: 2
=====
Available Memory modules:
=====
| NAME | TYPE | SPEED | CAPACITY | MODEL | PRICE |
=====
| Corsair Vengeance | ddr5 | 5200Mhz | 16Gb | MEM-550 | 4300 |
| Corsair Vengeance | ddr5 | 5200Mhz | 16Gb | MEM-551 | 8500 |
| Adata XPG Lancer RGB | ddr5 | 5200Mhz | 16Gb | MEM-552 | 4200 |
| G.Skill Ripjaws S5 | ddr5 | 5200Mhz | 16Gb | MEM-553 | 4000 |
| Adata XPG Lancer RGB | ddr5 | 6000Mhz | 16Gb | MEM-560 | 5500 |
| G.Skill Ripjaws S5 | ddr5 | 6000Mhz | 16Gb | MEM-562 | 4500 |
| G.Skill Trident Z5 | ddr5 | 6000Mhz | 16Gb | MEM-563 | 5000 |
| Acer Predator Pallas II | ddr5 | 6000Mhz | 16Gb | MEM-565 | 5000 |
| Acer Predator Vesta II | ddr5 | 6000Mhz | 16Gb | MEM-566 | 6200 |
=====
Enter model number of memory to select: mem-551
Successfully selcted..
=====

```

```

=====TIME FOR GPU=====
Select GPU brand.
Press 1 - AMD
Press 2 - NVIDIA
=====
Enter(1/2): 2
Enter required VRAM(in GB): 16
=====
Available GPUs are:
=====
| NAME | MEMORY | SPEED | MODEL | PREFIX | WATTAGE | PRICE |
=====
| Rtx 3070 Ti | 16Gb Gddr6x | 1.57ghz | RTX-300 | GeForce | 290 | 52000 |
| Rtx 4060 Ti | 16Gb Gddr6 | 2.25ghz | RTX-403 | GeForce | 165 | 38000 |
| Rtx 4070 Ti Super | 16Gb Gddr6x | 2.34ghz | RTX-407 | GeForce | 285 | 51000 |
| Rtx 4080 | 16Gb Gddr6x | 2.2ghz | RTX-409 | GeForce | 320 | 60000 |
| Rtx 4080 Super | 16Gb Gddr6x | 2.3ghz | RTX-410 | GeForce | 320 | 65000 |
| Rtx 4080 Ti | 16Gb Gddr6x | 2.34ghz | RTX-412 | GeForce | 400 | 68000 |
=====

Enter model number of gpu to select: rtx-407
Successfully selcted..
=====TIME FOR STORAGE=====
Select storage type.
Press 1 - HDD
Press 2 - SSD
Press 3 - NVMe M.2
=====
Enter(1/2): 3
=====
Enter required storage capacity (in GB): 1024
=====
Available Storage Devices are:
=====
| NAME | CAPACITY | TYPE | GENERATION | MODEL | PRICE |
=====
| Kingston KC3000 | 1024GB | NVMe M.2 | Gen 4 | M-351 | 8000 |
| Kingston Fury Renegade | 1024GB | NVMe M.2 | Gen 4 | M-352 | 9200 |
| Crucial P3 Plus | 1024GB | NVMe M.2 | Gen 4 | M-501 | 5500 |
| Adata XPG Gammix S50 | 1024GB | NVMe M.2 | Gen 4 | M-700 | 5000 |
| Acer Predator G17000 | 1024GB | NVMe M.2 | Gen 4 | M-709 | 8200 |
| Samsung 990 Evo | 1024GB | NVMe M.2 | Gen 4 | M-990 | 9000 |
| Samsung 990 Pro | 1024GB | NVMe M.2 | Gen 4 | M-991 | 11000 |
=====

Enter model number of storage to select: m-990
Successfully selcted..
=====
Atlast select Power Supply unit from below:
=====
| NAME | WATTAGE | TYPE | MODEL | CERTIFICATION | PRICE |
=====
| Ant Esports FG | 850W | Non-Modular | PS-850 | 80 + G | 6500 |
| Cooler Master MWE V2 | 850W | Non-Modular | PS-851 | 80 + G | 10000 |
| Corsair | 850W | Fully-Modular | PS-852 | 80 + G | 11000 |
| MSI Mag A850GL | 850W | Fully-Modular | PS-853 | 80 + G | 8000 |
| Gigabyte UD | 850W | Fully-Modular | PS-854 | 80 + G | 9000 |
| Super Flower Leadex | 850W | Fully-Modular | PS-855 | 80 + P | 9100 |
=====

Enter model number of power supply to select: ps-854
Successfully selcted..
=====

```

- **Showing users selected components and total price of the build**

```

=====
Selected components are:
CPU : Ryzen 9 7900X
GPU : Rtx 4070 Ti Super
Motherboard : Asus Tuf Gaming X670E+
Power supply : Gigabyte UD
Memory Module : Corsair Vengeance
Number of Modules : 2
Storage Device : Samsung 990 Evo
Storage Capacity : 1024GB

Price of all components: approximately is 155000.0 innr
=====
Press 1 - Create PC
Press 2 - See Otehrrs PC Build
Press 3 - To Exit
=====
Enter your choice: 3
=====
Thanks to visit
=====

```

- **Continuing as Guest and seeing the new pc build added**

```

=====
CUSTOM PC BUILD
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choices: 3
=====
Press 1 - Create PC
Press 2 - See Otehrrs PC Build
Press 3 - To Exit
=====
Enter your choice: 2
=====
Other users PC Builts are:
=====
---+-----+-----+-----+-----+-----+-----+-----+
| CPU | GPU | MOTHERBOARD | MEMMODULE | NUMBEROFMODULE | STORAGECAPACITY | PSU | TOTALPRI |
|-----+-----+-----+-----+-----+-----+-----+
| Core i9 14901KE | Rtx 4090 | MSI Mpg Z790 Edge Ti Max Wifi | Acer Predator Vesta II | 2 | 1024GB | Cooler Master MWE V2 | 133900 |
| Ryzen 7 9700X3D | Rx 7990 Xtx | MSI Pro B650P WiFi | G.Skill Trident Z5 | 2 | 2048GB | Super Flower Leadex | 179100 |
| Ryzen 9 7900X | Rtx 4070 Ti Super | Asus Tuf Gaming X670E+ | Corsair Vengeance | 2 | 1024GB | Gigabyte UD | 155000 |
|-----+-----+-----+-----+-----+-----+-----+
---+
=====

```

- **Accessing admin menu**

```
=====
CUSTOM PC BUILD
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 4
Enter password to get access to database: 9651
=====
Wrong password! Access denied!
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 4
Enter password to get access to database: 9628
=====
Access Granted!
=====
-----SELECT OPERATION-----
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice:
```

- **Inserting new records into the database**

```
-----SELECT OPERATION-----
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 1
=====
Enter table name to insert record (0 to exit): cpu
No such table exist..
=====
Enter table name to insert record (0 to exit): cpus
=====
Enter NAME: Ryzen 5 2600
Enter CORE: 6
Enter THREAD: 13
Enter SPEED: 3.9 - 4.4 Ghz
Enter SOCKET: AM4
Enter MODEL: AMD-250
Enter WATTAGE: 45
Enter PRICE: 9000
=====
RECORD INSERTED SUCCESSFULLY.
Do you want to insert more records in this table ?
Enter(Y/N): n
=====
Enter table name to insert record (0 to exit): gpus
=====
Enter NAME: RTX Titan
Enter MEMORY: 24Gb
Enter CLOCKSPEED: 1.77Ghz
Enter MODEL: RTX-999
Enter PREFIX: GeForce
Enter WATTAGE: 350
Enter PRICE: 155000
=====
RECORD INSERTED SUCCESSFULLY.
Do you want to insert more records in this table ?
Enter(Y/N):
```

- **Updating records in the database**

```
-----SELECT OPERATION-----
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 2
=====
Enter table name to update record (0 to exit): cpus
Enter modle number to update from cpus: amd-250
=====RECORD FOUND=====
=====
| NAME | CORE | THREAD | SPEED | SOCKET | MODEL | WATTAGE | PRICE |
|-----|-----|-----|-----|-----|-----|-----|-----|
| Ryzen 5 2600 | 6 | 13 | 3.9 - 4.4 Ghz | AM4 | AMD-250 | 45 | 9000 |
|-----|-----|-----|-----|-----|-----|-----|-----|
=====
Enter new values for this record.
Enter new NAME: Ryzen 5 2600
Enter new CORE: 6
Enter new THREAD: 12
Enter new SPEED: 3.9 - 4.4 Ghz
Enter new SOCKET: AM4
Enter new MODEL: AMD-250
Enter new WATTAGE: 45
Enter new PRICE: 9000
=====
RECORD UPDATED SUCCESSFULLY.
=====
Do you want to update more records in this table ?
Enter(Y/N): n
=====
Enter table name to update record (0 to exit): 0
```

- **Displaying records from the database**

```

=====SELECT OPERATION=====
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 3
=====
Enter table to display records(0 to exit): memory
Enter number of records you want to display(0 for all): 0
=====
TABLE: MEMORY
Number of records fetched: 17
=====
| NAME | TYPE | SPEED | CAPACITY | MODEL | PRICE |
|-----|-----|-----|-----|-----|-----|
| Corsair Vengeance LPX | ddr4 | 3200Mhz | 8Gb | MEM-430 | 1900 |
| Corsair Vengeance LPX | ddr4 | 3200Mhz | 16Gb | MEM-431 | 3200 |
| Adata XPG Gammix | ddr4 | 3200Mhz | 8Gb | MEM-432 | 1500 |
| Adata XPG Gammix | ddr4 | 3200Mhz | 16Gb | MEM-433 | 2500 |
| G.Skill Ripjaws V | ddr4 | 3200Mhz | 8Gb | MEM-434 | 1500 |
| G.Skill Ripjaws V | ddr4 | 3200Mhz | 16Gb | MEM-435 | 1500 |
| Corsair Vengeance | ddr5 | 5200Mhz | 16Gb | MEM-550 | 4300 |
| Corsair Vengeance | ddr5 | 5200Mhz | 16Gb | MEM-551 | 8500 |
| Adata XPG Lancer RGB | ddr5 | 5200Mhz | 16Gb | MEM-552 | 4200 |
| G.Skill Ripjaws S5 | ddr5 | 5200Mhz | 16Gb | MEM-553 | 4000 |
| Adata XPG Lancer RGB | ddr5 | 6000Mhz | 16Gb | MEM-560 | 5500 |
| Adata XPG Lancer RGB | ddr5 | 6000Mhz | 32Gb | MEM-561 | 9000 |
| G.Skill Ripjaws S5 | ddr5 | 6000Mhz | 16Gb | MEM-562 | 4500 |
| G.Skill Trident Z5 | ddr5 | 6000Mhz | 16Gb | MEM-563 | 5000 |
| G.Skill Trident Z5 RGB | ddr5 | 6000Mhz | 32Gb | MEM-564 | 10000 |
| Acer Predator Pallas II | ddr5 | 6000Mhz | 16Gb | MEM-565 | 5000 |
| Acer Predator Vesta II | ddr5 | 6000Mhz | 16Gb | MEM-566 | 6200 |
=====
Do you want to display more records ?
Enter(Y/N):

```

- **Searching records from the database**

```

=====SELECT OPERATION=====
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 4
=====
Enter table name to perform search (0 to exit): cpus
=====
Columns of table are: NAME, CORE, THREAD, SPEED, SOCKET, MODEL, WATTAGE, PRICE
Enter name of the columns: model
=====
Enter model to search: amd-250
=====Search Results=====
TABLE: CPUS
Number of records found: 1
=====
| NAME | CORE | THREAD | SPEED | SOCKET | MODEL | WATTAGE | PRICE |
|-----|-----|-----|-----|-----|-----|-----|-----|
| Ryzen 5 2600 | 6 | 12 | 3.9 - 4.4 Ghz | AM4 | AMD-250 | 45 | 9000 |
|-----|-----|-----|-----|-----|-----|-----|-----|
Do you want to search more records in this table ?
Enter(Y/N): y
=====
Columns of table are: NAME, CORE, THREAD, SPEED, SOCKET, MODEL, WATTAGE, PRICE
Enter name of the columns: wattage
=====
Enter wattage to search: 45
=====Search Results=====
TABLE: CPUS
Number of records found: 2
=====
| NAME | CORE | THREAD | SPEED | SOCKET | MODEL | WATTAGE | PRICE |
|-----|-----|-----|-----|-----|-----|-----|-----|
| Ryzen 5 2600 | 6 | 12 | 3.9 - 4.4 Ghz | AM4 | AMD-250 | 45 | 9000 |
| Core i9 14901TE | 8 | 16 | 2.3 - 5.5 Ghz | Socket 1700 | INT-940 | 45 | 44500 |
|-----|-----|-----|-----|-----|-----|-----|-----|
Do you want to search more records in this table ?
Enter(Y/N):
=====
Enter table name to perform search (0 to exit): gpu
=====
Columns of table are: NAME, MEMORY, CLOCKSPEED, MODEL, PREFIX, WATTAGE, PRICE
Enter name of the columns: memory
=====
Enter memory to search: 3
=====Search Results=====
TABLE: GPUS
Number of records found: 1
=====
| NAME | MEMORY | CLOCKSPEED | MODEL | PREFIX | WATTAGE | PRICE |
|-----|-----|-----|-----|-----|-----|-----|
| Gtx 1050 | 3Gb Gddr5 | 1.75Ghz | GTX-100 | GeForce | 75 | 12000 |
|-----|-----|-----|-----|-----|-----|-----|
Do you want to search more records in this table ?
Enter(Y/N): n
=====
Enter table name to perform search (0 to exit): 0
=====SELECT OPERATION=====
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice:

```

- **Deleting a record from the database**

```

=====SELECT OPERATION=====
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 5
=====
Enter table name to delete record (0 to exit): cpus
Enter modle number of record to delete from cpus: amd-250
=====
=====RECORD FOUND=====
=====
| NAME          | CORE | THREAD | SPEED          | SOCKET | MODEL  | WATTAGE | PRICE |
|-----|-----|-----|-----|-----|-----|-----|-----|
| Ryzen 5 2600  | 6    | 12     | 3.9 - 4.4 Ghz | AM4    | AMD-250 | 45      | 9000  |
|-----|-----|-----|-----|-----|-----|-----|-----|
=====
Are you sure taht you want to delete this record ?
Enter(Y/N): y
=====RECORD DELETED=====
Do you want to delete more records ?
Enter(Y/N): n
=====SELECT OPERATION=====
Press 1 - Insert data
Press 2 - update data
Press 3 - Display data
Press 4 - Search data
Press 5 - Delete data
Press 6 - To Exit
=====
Enter your choice: 6
=====
Press 1 - Log In
Press 2 - Sign Up
Press 3 - Continue as Guest
Press 4 - Access DataBase(Admin)
Press 5 - To Exit
=====
Enter your choice: 5
=====
Thanks to visit.

```