

KENDRIYA VIDYALAYA RAJNANDGAON

Computer Science : XII

Practical List : Term II

Python & MySQL

1. Write a program in Python to create a stack name StackVow, which takes the elements as vowels and implement all operations (Push, POP and Traversal) on stack StackVow
2. Write a program in python to create a stack "student" with details of student name and their marks. Write Operation for Push, Pop and Traversal operation using menu.
3. Write a python program to create stack Sport_Stack to store age of sportsman using stack implementation as list. Write Operation for Push, Pop and Traversal operation using menu.

4. Consider the following tables and answer the following Table : Book

Book_Id	Book_Name	Author_Name	Publisher	Price	Type	Quantity
C0001	Fast Cook	LataKapoor	EPB	355	Cookery	5
F0001	The Tears	William Hopkins	First Pub	650	Fiction	20
T0001	My First C++	Brain & Brooke	EPB	350	Text	10
T0002	C++ Brain works	A.W. Rossaine	TDH	350	Text	15
F0002	Thunderbolts	Anna Roberts	First Pub	750	Fiction	50

Table : Issued

Book_Id	Issuedto	Quantity_Issued
T0001	Kamal	4
C0001	Arvind	5
F0001	Suresh	2

1. To show Book id, Book name, Author name and price of books of First Pub Publisher
2. To display the names and price of books in ascending order of their prices.
3. Display the price of book which has price between 300 to 500.
4. To increase the price of all books of EPB publishers by 50.
5. To display the Book_Id, Book_Name and quantity issued for all books which have been issued.
6. To display the Bookname and Price of Books for all books having 'C++' in the bookname
7. Delete the book whose book id is T0002
8. Show all book whose book name started with character 'T'

Give the output of the following

9. Select Count(*) from Book;
10. Select Max(Price) from Book where Quantity >=15;
11. Select Book_Name, Author_Name from Book where Publisher='First Pub';
12. Select count(distinct Publisher) from Book where Price>=400;
13. Select count(distinct(Publisher)) from book;