

DELHI PUBLIC SCHOOL JAMMU

HOLIDAY HOMEWORK
SESSION (2022-2023)

CLASS:XII

Subject : Computer Science(CS-083)

"Computer science empowers students to create the world of tomorrow." – that's our principal capital asset .

For your holiday break just try to execute these few programs and write them in your practical file.

1. Write a Python program to multiply all the items in a list.
2. Write a Python program to get the smallest number from a list.
3. Write a Python program to convert a string to a list.
4. Write a Python script to concatenate the following dictionaries to create a new one:
5. Write a Python program to find the highest 3 values in a dictionary.
6. Write a Python program to sort a list alphabetically in a dictionary.
7. Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have scored marks above 75.
8. Write a function DigitSum() that takes a number and returns its digit sum.
9. Write a function Div3and5() that takes a 10 elements numeric tuple and returns the sum of elements which are divisible by 3 and 5.
10. WAP to print a string and the number of vowels present in it.

Note -

1. Submit your Holiday Homework physically after summer vacation. Your submission will carry 4 marks.(2 marks- Subject Relevance & Research, 2 marks- Handwriting).
2. Practical execution of your Homework (5-6mins) to be held in offline mode after holidays. It will carry 6 marks.
(2 marks- Confidence, 2 marks- Subject Clarity, 2 marks- Presentation Skills).
- 3.The teacher may ask 1 or 2 questions during the practical execution of the programs.



HAPPY HOLIDAYS!!!
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