SETS & LOOPING TECHNIQUES

Exercise on Sets:

A School has 3 sports teams.

1. Cricket
2. Hockey
3. Kabaddi

Following students are selected as part of the Cricket team:

Phani, Raju, Ramesh, Ravi, Kiran, Sharath and Kumar

Following students are selected as part of the Hockey team:

Raju, Balaji, Mukul, Kumar, Srinivas and Pramod

Following students are selected as part of the Kabaddi team:

Madhu, Raju, Kishan, Revanth and Pradeep

Answer all the Questions:

1. Find the total no. of students participating
2. Find the list of students who are common in all the teams
3. Display the names of the students who are part of Kabaddi and Hockey but not in Cricket
4. Find whether the student ‘Srinivas’ is part of Hockey team or not
5. Add two more students – Naresh and Teja to the Kabaddi team
6. Remove ‘Raju’ from Kabaddi team if ‘Kishan’ is present
7. Find the list of the students who are representing only one team
8. Find the list of students in Hockey and Kabaddi teams

Exercise on Looping Techniques:

1. Find the list of numbers divisible by 5 between 25 to 100
2. Display the list of elements of two lists which are not identical
3. Display the lengths of all the names from a list whose length is more than 5 characters

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