Training department of HTC deals with various mode of training request from different branches across the globe. The requester can request for more than one technology in a single training request. The training department can approve or deny the request, maintain the history & status of the training request as “waiting for approval”, “on hold”, “approved” and “denied”. Create an application database to maintain and organize each training request to the Training department.

1. Display the top 3 training requester’s details based on the number of approved request.
2. Which technology acquired maximum number of training request in the last 3 months.
3. Display the training request raised by Mr. Charles which in on hold for more than a month.
4. Write a query to display technology wise number of request raised.
5. In which year training department receives least number of request.
6. How many requests were rejected by training department in the year 2017 based on the technologies?
7. Display the training request which is scheduled to the very next day of the request.
8. List the entire training request which is not from the same country.
9. Display the participants list for the training request “TR323”
10. Write a function that accepts month or year as a parameter and returns the number of completed request based on the given parameter (month or year).

Training department provides training in various technologies for multiple batches simultaneously. Design an application database to maintain the batches & attendance details of trainees from multiple batches.

1. Prepare a report in the below format.

|  |  |  |
| --- | --- | --- |
| **BatchName** | **Total No. of trainees** | **No. of absentees today** |

1. Display the batch wise details of long absentees (more than 5 days).
2. Write a function that takes Batch ID and Date as parameters and returns a report in the below format.

Note: if the Date parameter is not provided consider today’s date as input.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BathName** | **Total No. of Trainees** | **No. of Present** | **No. of Absent** | **No. of Permissions** |

1. List the ongoing batches details which crossed the estimated end date.
2. Display the trainee’s details, who are in bench for more than a month.
3. Write a query to retrieve the details of “Java” batches whose actual end date is between today + 5 days.