

# Summer Project Writeup

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## Introduction:

We were given a few tasks by Dipti maam during this summer projects workshop. We were given a task where we had to search for words in the grids. In another task we had to read three Sherlock Holmes stories

## Grid Search task

The grid search task helped us to test our searching ability and identifying word patterns. It tested our strategy how exactly we searched for the words in the grid. A common strategy for finding all the words is to go through the puzzle left to right and look for the first letter of the word (if a word list is provided). After finding the letter, one should look at the eight surrounding letters to see whether the next letter of the word is there. One can then continue this method until the entire word is found.

## Sherlock Holmes stories

The Sherlock Holmes stories that I read are:

- A scandal in Bohemia
- The adventure of the Beryl Coronet
- The adventure of the Speckled Band

In the first story, we come to know about Holmes' strong aptitude for acting and disguise. In this story, Sherlock disguised as a drunk man to solve the case.

In the second story, we come to see Sherlock's cleverness. Even the protagonist of the story was amazed by the way Sherlock solved the case.

In the third story, we come across Sherlock's powerful observational and deductive skills where he finds out that the speckled band was nothing other than a Indian swamp adder snake.