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Week Report 6

Summary on Wildcards

A. Summary of the Presentation.

- Wildcards:
 - Definition: Wildcards represent letter and characters use to specify a file name for searches.
 - Wildcards are officially called metacharacter wildcards.
 - Wildcard is a star (*) character.
 - Example: ls *.txt
 - This will match all files edn in .txt
 - when to use Whilecard:
 - when you want to list all files with a particular file extension
 - when you remember a portion of the name
 - when you want to copy, move or move all files that match a particular naming convention
 - Example:

```
Terminal
[16:27:55](adrian@G752VL2 dir)
→ls *.txt 🔼
1233 file.txt
                                    _file.txt
               'another file.txt'
[16:28:01](adrian@G752VL2 dir)
∽ls *.txt *.pdf 2
1233 file.txt
               'another file.txt'
                                    f2.pdf
                                             f3.pdf file.txt
c[16:28:12](adrian@G752VL2 dir)
ls: cannot access 'file.*': No such file or directory
[16:28:23](adrian@G752VL2 dir)
→ls *file.*
1233_file.txt 'another file.txt'
                                    file.txt
[16:28:34](adrian@G752VL2 dir)
```

- List files inside a single column.
 - First: ls -X1
 - Second: ls -X1 *.css
- The Wildcard (*) replaces the name of the files because we do not care about the file name in this instances.
- The Wildcard:
 - The brackets wildcard match a single character in a range.

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- The brackets wildcard use the exclamation mark to reverse the match.
 - Example: match everything except vowels [!aeiou]
 - Example: any character except numbers [!0-9]
 - Examples:
 - 1. To match all files that you have a vowel after letter f:
 - Example: ls f[aeiou]*
 - 2. To match all files that do not have a vowel after letter f:
 - Example: ls f[!aeiou]*
 - 3. To match all the files whose name does nto have a number in their file name:
 - Example: ls [!0-9].
 - 4. to match all files whose name begins with a letter form a-p or start with letter s or c:
 - ls[a-psc]*

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- Whilecard Rule:
- !Pic4](pic4.png)!