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## **PEP DOCS-1**

**Quick recap of what has been covered in class**

1. Basics of java script like functions,concatenations.
2. Then we have downloaded node js and installed react
3. Create a react app.
4. Create component and import these to main js components.

## **Strictness order**

1. Constant > let > variable
2. We can not redeclare const
3. Redecclare not possible in Let also

# FUNCTION

Two steps for writing function:

1. function declaration
2. function calling

## Two types in which we can write a function in react js

1.

```
Function sayhello(){  
    Console.log("Hello")  
}  
Say Hello();
```

2.

```
Constant sayHey=() {  
    Console.log("This is from arrow operator")  
};  
SayHey();
```

# REST OPERATOR

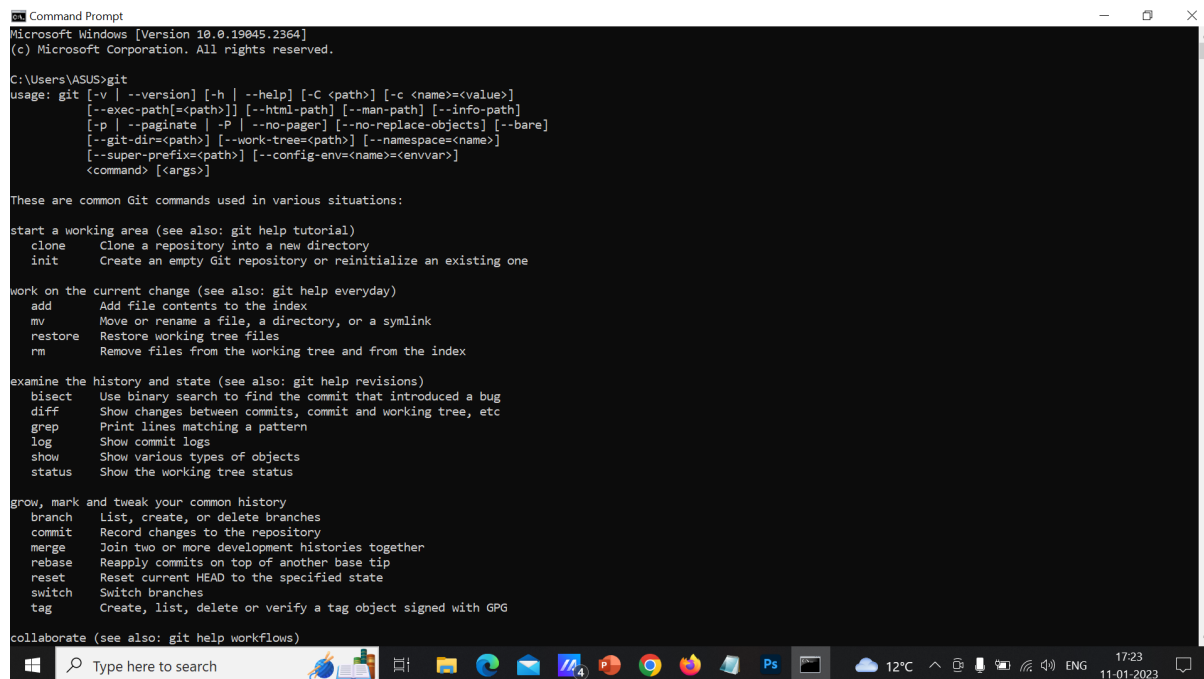
Function sayHello(name1,name2,name3.....)

```
{  
  console.log([name1][name2][name3])  
}
```

sayHello("a","b","c");

## GITHUB

1. At start, we downloaded the git application and install it in our system.
2. Then completed the prompt command and git version in our system.



```
Microsoft Windows [Version 10.0.19045.2364]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\ASUS>git  
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]  
        [--exec-path=<path>] [--html-path] [--man-path] [--info-path]  
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]  
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]  
        [--super-prefix=<path>] [--config-env=<name>=<envvar>]  
        <command> [<args>]  
  
These are common Git commands used in various situations:  
  
start a working area (see also: git help tutorial)  
  clone      Clone a repository into a new directory  
  init       Create an empty Git repository or reinitialize an existing one  
  
work on the current change (see also: git help everyday)  
  add        Add file contents to the index  
  mv         Move or rename a file, a directory, or a symlink  
  restore    Restore working tree files  
  rm         Remove files from the working tree and from the index  
  
examine the history and state (see also: git help revisions)  
  bisect     Use binary search to find the commit that introduced a bug  
  diff       Show changes between commits, commit and working tree, etc  
  grep       Print lines matching a pattern  
  log        Show commit logs  
  show       Show various types of objects  
  status     Show the working tree status  
  
grow, mark and tweak your common history  
  branch     List, create, or delete branches  
  commit     Record changes to the repository  
  merge      Join two or more development histories together  
  rebase     Reapply commits on top of another base tip  
  reset      Reset current HEAD to the specified state  
  switch     Switch branches  
  tag        Create, list, delete or verify a tag object signed with GPG  
  
collaborate (see also: git help workflows)
```

## Command prompt function.

step of git in vscode

- 1.git --version
- 2. git init
- 3.cd .\directory\
- 4.git init
- 5. pwd
- 6.git add .
- 7.git status
- 8. git commit -m "Adding files"
- 9. git remote add origin paste repo from github
- 10. git remote -v
- 11. git push
- git checkout master
- git checkout -b minor-branch
- 
- ..>to push new thing on git hub:
- 
- git add .
- git status
- git commit -m "first branch commit"
- git push
- git push--set-upstream
- git status
- git checkout master
- git merge firstbranch
- git push after this check github and check this refresh.

## Website for web developers :

1. Mui.com => for logo
2. Dribbble.com => (portfolio)

## Function declaration / function statement

```
// function a() {  
//   console.log("From function a");  
  
// }  
// a();
```

## Function expression

```
var b = function () {  
  console.log("from arrow operator" );  
  
};  
g();
```

## Anonymous function

```
function () {  
  
  }  
  
// var a;  
// a = 5;  
// if (a === undefined) {  
//   console.log("a is undefined");  
  
// } else {  
  console.log("it is not undefined");}
```

**Q: write a program in js Pass a number in switch statement to get the brand of the car 1. honda 2. ford 3. Maruti suzuki 4.toyoto 5.hyundai if number is not from these, show kia ?**

### **Program using switch statement**

```
let a = 9;

switch (a) {

  case 1:
    a = 'honda';
    break;
  case 2:
    a = 'ford';
    break;

  case 3:
    a = 'maruti suzuki';
    break;
  case 4:
    a = 'toyota';
    break;

  case 5:
    a = 'hundai';
    break;

  default:
    a = 'kia';
    break;
}
console.log(`The value is ${a}`);
```