① Convert hexadecimal to binary 24F.

Sol)

Hexadecimal	Binary
2	0010
4	0100
F	1111

∴ $(24F)_{16} = (0010\ 0100\ 1111)_2$

② Convert any one octal to binary.

Sol) $(7142)_8 :-$ Let it be octal number.

~~Hexadecimal~~ Octal	Binary
7	111
1	001
4	100
2	010

$(7142)_8 = (111\ 001\ 100\ 010)_2$

③ Create Inputs and Outputs Dominos Pizza Store and Website.

Sol) Inputs of Dominos Pizza Store are

→ Name of Customer
→ Phone number of Customer.
→ Choice of Pizza
→ Payment option

Output of Dominos Pizza Store are

→ Pizza
→ Bill
→ oregano

⇒ Inputs of dominos Pizza Website are

→ Name of Customer
→ Phone number of Customer
→ Choice of Pizza
→ Payment option
→ Location of delivery

⇒ Output of Dominos Pizza Website are

→ Bill
→ Estimated delivery time
→ mobile number of delivery agent.

④ → Create ~~two~~ a new repository :-

    ·) Go to folder and open git bash.

    ⇒ git init

→ add 2 files   file1.txt and file 2.txt

    ·) git add .

→ commit 2 files

    ·) git commit -m " two files commited"

→ modify file2.txt and commit

    ·) nano file2.txt   (Then change in file 2.txt)

    ·) git add .

    ·) git commit -m ' changes are commited".

```
abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder
$ git init
Initialized empty Git repository in C:/Users/abhij/Desktop/practiceML/aaa_text/N
ew folder/.git/

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ touch file1.txt

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ touch file2.txt

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git add .

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git commit -m "Two files commited"
[master (root-commit) a4c966a] Two files commited
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.txt

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ nano file2.txt

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file2.txt

no changes added to commit (use "git add" and/or "git commit -a")

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git add .
warning: LF will be replaced by CRLF in file2.txt.
The file will have its original line endings in your working directory

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git commit -m "changes are commited"
[master 5adeebc] changes are commited
 1 file changed, 2 insertions(+)

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$ git status
On branch master
nothing to commit, working tree clean

abhij@LAPTOP-9MTOLKG0 MINGW64 ~/Desktop/practiceML/aaa_text/New folder (master)
$
```

⑤ Create logic function to compare 2 sets of numbers and show which is greater.

Solution:-) let two numbers be `a` and `b`

```
def func ():
    if (a > b):
        Print ("a is greater than b")
    elif (a < b):
        Print ("b is greater than a")
    else :
        Print ("Both numbers are equal")
```