Class Exercise:

Environment

You are tasked with creating a Python program that interacts with environment variables and performs various operations on directories using the os module. The program should have the following functionality:

Display the current working directory.

Change the working directory to a specified path.

Create a new directory at a specified path.

Remove a directory or file at a specified path.

You need to create a class called DirectoryManager that encapsulates these operations. The class should have the following methods:

1. display\_current\_directory(): This method should use the os.getcwd() function to retrieve and print the current working directory.
2. change\_directory(path): This method should use the os.chdir(path) function to change the working directory to the specified path.
3. create\_directory(path): This method should use the os.mkdir(path) function to create a new directory at the specified path.
4. remove\_file\_or\_directory(path): This method should use the os.remove(path) function to remove the file or directory at the specified path.

You should also provide a simple menu-driven program that allows the user to interact with the DirectoryManager class. The menu should have the following options:

Display current directory

Change directory

Create directory

Remove file or directory

Exit

import os

class DirectoryManager:

    def display\_current\_directory(self):

# Your code here

    def change\_directory(self, path):

# Your code here

    def create\_directory(self, path):

# Your code here

    def remove\_file\_or\_directory(self, path):

# Your code here

# Menu-driven program

def main():

# Your code here

if \_\_name\_\_ == "\_\_main\_\_":

    main()