import random

import os

def main():

outfile = open("random\_nums.txt", "w")

for i in range(100):

outfile.write(str(random.randint(0, 399)) + " ")

outfile.close()

infile = open("random\_nums.txt", "r")

nums = infile.read()

print(nums, "\n")

os.system("cls")

numbers = [int(x) for x in nums.split()]

num\_printed = 0

bilangan\_genap\_count = 0

bilangan\_ganjil\_count = 0

for x in numbers:

num\_printed += 1

print(format(x, "3d"), end=" ")

if x % 2 == 0:

bilangan\_genap\_count += 1

else:

bilangan\_ganjil\_count += 1

if num\_printed == 10:

print()

num\_printed = 0

else:

print(" ", end=" ")

infile.close()

print("-"\*60)

print("\n")

#sortir

bilangan\_genap = [x for x in numbers if x % 2 == 0]

bilangan\_ganjil = [x for x in numbers if x % 2 != 0]

bilangan\_genap = sorted(bilangan\_genap)

bilangan\_ganjil = sorted(bilangan\_ganjil)

print("Bilangan Genap:")

print\_numbers(bilangan\_genap)

# Print the sorted odd numbers

print("\nBilangan Ganjil:")

print\_numbers(bilangan\_ganjil)

print(f"\nJumlah Bilangan Bulat: {bilangan\_genap\_count}")

print(f"Jumlah Bilangan Ganjil: {bilangan\_ganjil\_count}")

def print\_numbers(numbers):

num\_printed = 0

for x in numbers:

num\_printed += 1

print(format(x, "3d"), end=" ")

if num\_printed == 10:

print()

num\_printed = 0

else:

print(" ", end=" ")

main()