9.STOP WATCH

import java.util.Scanner;

public class Stopwatch {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("Press Enter to start the stopwatch...");

scanner.nextLine();

long startTime = System.currentTimeMillis[];

System.out.println("Press Enter to stop the stopwatch...");

scanner.nextLine();

long endTime = System.currentTimeMillis();

long elapsedTime = endTime - startTime;

System.out.println("Elapsed time in seconds: " (elapsedTime / 1000.0));

}

}

10.PRIME CHECKER

Import java.util.Scanner;

public class PrimeChecker {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a number: ");

int number = scanner.nextInt();

boolean isPrime = True;

if (number < 2) isPrime = False;

for (int i = 2; i <= Math.sqrt(number); i++) {

if (number % i == 0) {

isPrime = false;

break

}

}

if (isPrime) {

System.out.println(number + " is a prime number.");

} else {

System.out.println(number + " is not a prime number.");

}

}

}

11.PASSWORD CHECKER

Import java.util.Scanner;

public class SimplePasswordChecker {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

system.out.print("Enter a password: ");

String password = scanner.nextLine();

if (password.length() >= 8) {

system.out.println("Password is valid.");

} else {

system.out.println("Password must be at least 8 characters long.");

}

}

}

12.COUNT DOWN TIMER

Import java.util.Scanner;

public class CountdownTimer {

public static void main(String[] args) throws InterruptedException {

Scanner scanner = new Scanner(System.in];

System.out.print("Enter countdown time in seconds: ");

int seconds = scanner.nextint();

for (int i = seconds; i > 0; i--) {

System.out.println(i);

Thread.sleep(1000); // Wait for 1 second

}

System.out.println(‘Time's up!");

}

}