# Assignment 6 - Part 2.2 – Miles

## Ryan Brinson

## 10/17/23

### Output:

A screen shot of a computer

Description automatically generated

### Code:

// Name: Ryan Brinson

// Class: CS 3305/W04

// Term: Fall 2023

// Instructor: Carla McManus

// Assignment: 06-Part-2.1-Time

public class A6P22 {

    public static void main(String[] args) {

        // Array of distances in miles

        Integer[] distArr = {0, 10, 20, 30, 40, 50, 60, 70, 80, 90};

        // Print out each conversion from miles to kilometers

        for (Integer mi : distArr) {

            System.out.printf("%d miles = %.0f kilometers\n", mi, milesToKilometers(mi));

        }

    }

    // ----- Methods -----

    // Function that converts miles to kilometers

    public static Double milesToKilometers(Integer mi) {

        return (mi \* 1.6);

    }

}