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**EXERCISE 3.4 NO 4**

**PROBLEM**

Converts distances from miles to kilometers.

**ANALYSIS**

Masukkan jarak dalam satuan miles, konversi ke satuan kilometers,printout.

DATA REQUIREMENTS

**Problem Inputs**

/\* Get the distance in miles. \*/

printf ("Enter the distance in miles>");

scanf("%lf", &miles);

/\* Convert the distance to kilometers. \*/

**kms = KMS\_PER\_MILE \* miles;**

**Problem Outputs**

/\* Display the distance in kilometers. \*/

printf("That equals %f kilometers.\n", kms);

**Program Variables**

double miles; /\* distance in miles\*/

double kms; /\* equivalent distance in kilometers \*/

**Relevant Formulas**

kms = KMS\_PER\_MILE \* miles;

**DESIGN**

**Initial Algorithm**

1. Masukkan jarak dalam satuan miles
2. Konversi satuan miles ke kms
3. Printout satuan kms

**IMPLEMENTATION**

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