YUSUF MRAMBA NYULE

HB107/G/14687/21

PSEUDOCODE

Area of a circle

START

Declare pie, radius and Area;

INPUT pie and radius;

Area= pie x radius x radius;

PRINT Area;

STOP

Area of a rectangle

START

Declare length, width and Area;

INPUT length and width;

Area= length x width;

PRINT Area;

STOP

Volume of a sphere

START

Declare pie, radius and volume;

INPUT pie and radius;

Volume =4/3 x pie x radius3;

PRINT Volume;

STOP

Perimeter of a rectangle

START

Declare length, width and perimeter;

INPUT length and width;

Perimeter= (length +width) x 2;

PRINT Perimeter;

STOP

ALGORITHM

Area of a circle

BEGIN

Declare pie, radius and Area;

INPUT pie and radius;

Calculate Area by taking pie x radius x radius;

OUTPUT Area;

END

Area of a rectangle

BEGIN

Declare length, width and Area;

INPUT length and width;

Calculate Area by taking length x width;

OUTPUT Area;

END

Volume of a sphere

BEGIN

Declare pie, radius and volume;

INPUT pie and radius;

Calculate volume by taking 4/3 x pie x radius x radius x radius;

OUTPUT volume;

END

Perimeter of a rectangle

BEGIN

Declare length, width and Perimeter;

INPUT length and width;

Calculate Perimeter by taking (length + width) x 2;

OUTPUT Perimeter;

END



