**Program 1**:

CLASS MyRectangle

METHOD isValid(width, height)

If((width+height)>30)

return true;

else

return false

END

METHOD Area(width, height)

int area = width\*height;

return area;

END

METHOD Perimeter(width, height)

int perimeter = (width\*2)+(height\*2);

return perimeter;

END

METHOD main

SCANNER input

do

print(“Please input width and height: “)

int width = input.nextInt();

int height = input.nextInt();

if(isValid(width, height) == false)

print(“Sorry, that’s not a valid rectangle. Try again.”)

while(isValid(width, height) != true)

printf(“Entered width: %d\n”, width)

printf(“Entered height: %d\n”, height)

printf(“Area: %d\n”, Area(width,height))

printf(“Perimeter: %d\n”, Perimeter(width,height))

END

**Program 2**:

CLASS FeetMeters

todo

END

**Program 3**:

CLASS PrintTableSeries

METHOD displaySums(int n)

print(“i sum(i)\n”

for(i=1;i<n;i++)

{

double sum = sum/(sum+1)

print(“%d %f”,i,sum)

` }

END

METHOD main

Scanner input

print(“Please enter a number: “)

int num = input.nextInt()

displaySums(num)

END

**Program 4**:

CLASS PalindromicPrime

todo

END