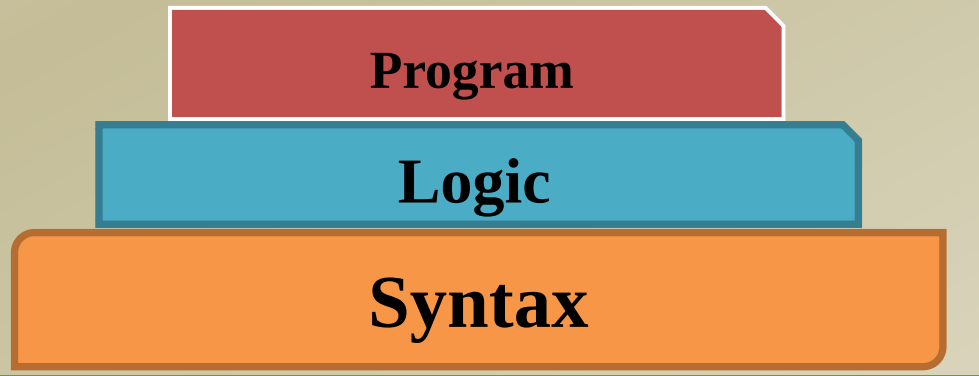
Code at Random (OPC) PVT. LTD.

# Nested Loops: Solution of Assignment: Patterns



# 1st Program

```
 * * * * #
* * * # *
* * # * *
* # * * *
# * * * *
```

```
for (i=1;i<=5;i++)
{
  for(j=1;j<=5;j++)
  {
    if(i+j==6)
    {
       SOP(“ # “);
    }
    else
    {
       SOP(“ * “);
    }
  }
SOPln(“ “);
}
```

# 2nd Program

```
#       #
  #   #
    #
  #   #
#       #
```

```
for (i=1;i<=5;i++)
{
  for(j=1;j<=5;j++)
  {
    if(i+j==6 || i==j)
    {
      SOP(" # ");
    }
    else
    {
      SOP("   ");
    }
  }
SOPln(" ");
}
```

# 3rd Program

```
# # # # #
#       #
#       #
#       #
# # # # #
```

```
for (i=1;i<=5;i++)
{
  for(j=1;j<=5;j++)
  {
    if(i==1 || j==1 || i==5 || j==5)
    {
      SOP(" # ");
    }
    else
    {
      SOP("   ");
    }
  }
SOPln(" ");
}
```

# Happy Learning!!

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