6.1) a) 20 iterations

b) 19 iterations

c) 15 iterations

d) 20 iterations

e) 10 iterations

f) 5 iterations

6.7) for( int i = 1 ; i < 100 ; i += 2 )

{ System.out.println( i );

}

6.10) String s = "name";

int count = 0;

for( int i=0; i<s.length(); i++ )

{ if( s.charAt(i) == 'a' )

{ count++;

}

}

System.out.println(count+" times");

6.14) public class alarm

{ private int x;

public alarm()

{ x=0;

}

public void getX(int input)

{ x=input;

}

public int setX()

{ return x;

}

public void print()

{ if(x > 1)

for(int i=1; i<=x; i++)

System.out.println("Alarm!");

else

System.out.println("An error message");

}

}

6.16) public class sumRange

{ private int n1, n2;

public sumRange()

{ n1=0;

n2=0;

}

public void getN1(int N1)

{ n1=N1;

}

public void getN2(int N2)

{ n2=N2;

}

public int setN1()

{ return n1;

}

public int setN2()

{ return n2;

}

public void print()

{ double i, x=0;

if(n1<n2)

{ for(i=0; n1<=n2; i++, n1++)

x+=n1;

x=x/i;

System.out.println("Set your range "+x);

}

else

System.out.println("An error message");

}

}