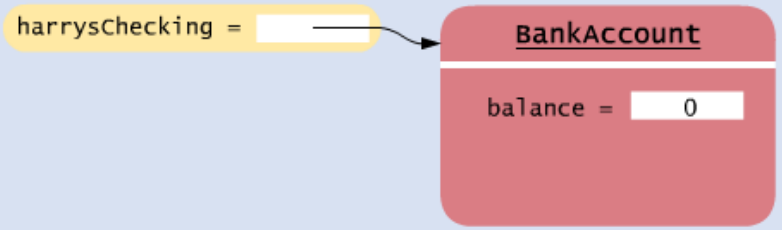
```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

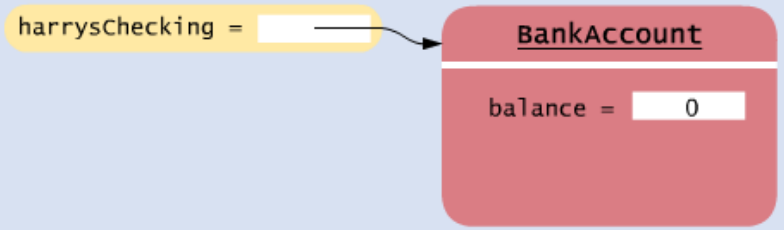


This animation demonstrates the lifetime of local variables and parameter variables.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

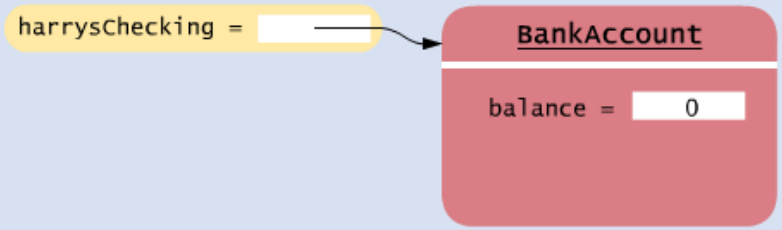


We will have a close look at this method call.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

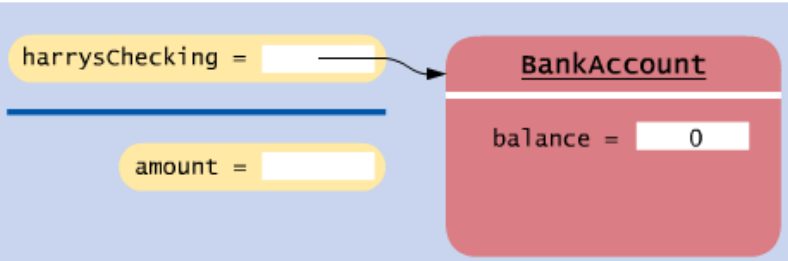


The parameter value 500 is passed to the method.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

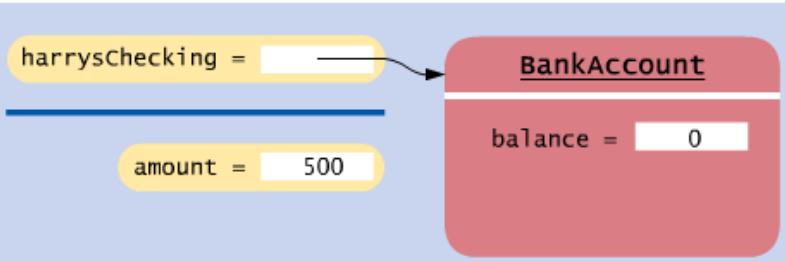


The parameter variable is created.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

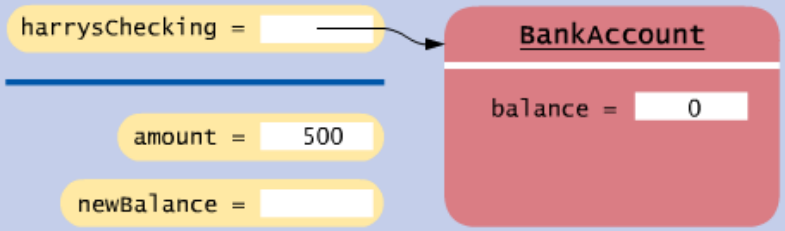


The parameter variable is initialized with the parameter value.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

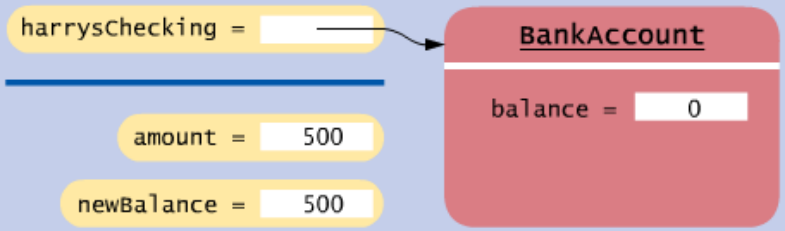


The local variable newBalance is created.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

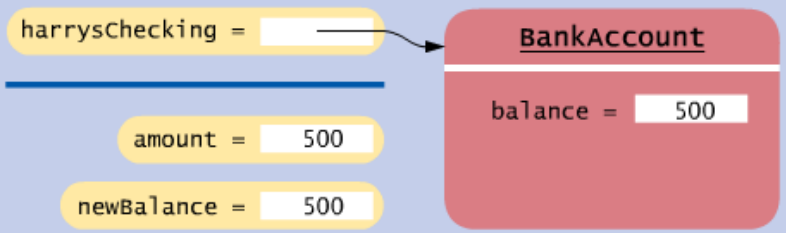


The local variable is initialized.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

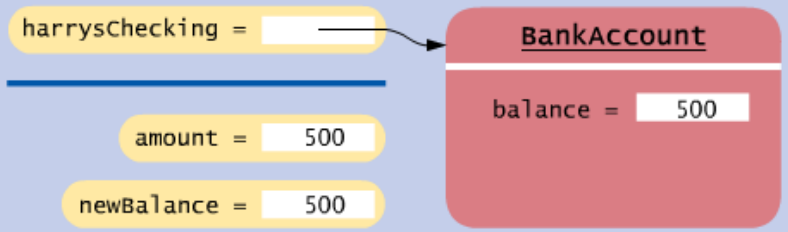


The execution of the method continues.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

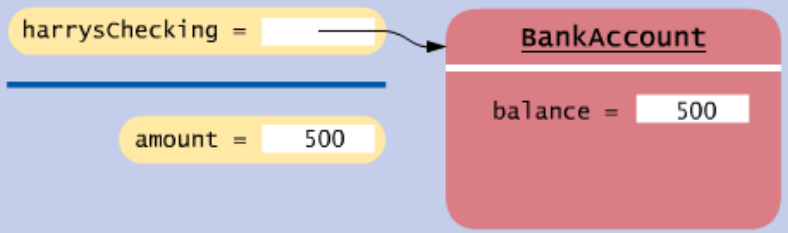


The end of the method is reached.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

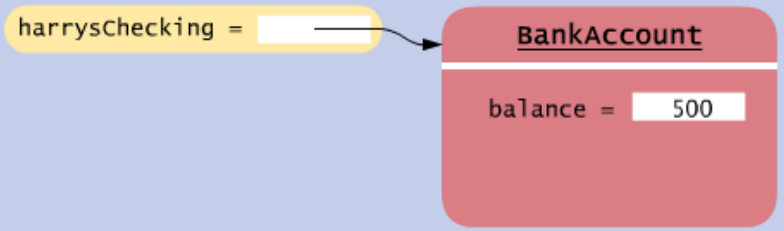


The local variable of the method dies.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```

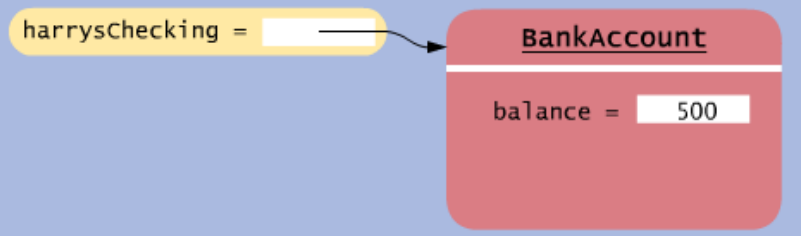


The parameter variable of the method dies.

```
public static void main(String[] args)
{
   . . .
   harrysChecking.deposit(500);
   . . .
}

. . .

public void deposit(double amount)
{
   double newBalance = balance + amount;
   balance = newBalance;
}
```



The method call has been completed.