

Step 1: Variables, If, and ForEach (Basic Logic)

```
velocity

{{velocity}}
#set($name = "Alice")

#if($name == "Alice")
    Hello, $name!
#else
    Who are you?
#end

#foreach($i in [1..3])
    * Number $i
#end
{{/velocity}}
```

- Uses variables, #if, and loops — basic logic.
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Step 2: Create a List and Loop Through It

```
velocity

{{velocity}}
#set($users = ["Alice", "Bob", "Charlie"])

#foreach($user in $users)
    * User: **$user**
#end
{{/velocity}}
```

- Demonstrates looping over a list.
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Step 3: Add Conditional Logic Inside Loop

```
velocity

{{velocity}}
#set($users = [
    {"name": "Alice", "active": true},
    {"name": "Bob", "active": false},
    {"name": "Charlie", "active": true}
])

#foreach($user in $users)
    * **$user.name** -
    #if($user.active)
        Active
    #else
        Inactive
    #end
#end
{{/velocity}}
```

```
#end  
#end  
{{/velocity}}
```

- A simulated "user" list with status, using both `#foreach` and `#if`.
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Step 4: Real XWiki Content — List All Users in Wiki

```
velocity  
  
{{/velocity}}  
#set($allUsers = $xwiki.getUsers())  
  
#foreach($user in $allUsers)  
    * User: **$user.getName()**  
#end  
{{/velocity}}
```

- Gets actual users from your XWiki instance.
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Step 5: Real Users with Group Check

```
velocity  
  
{{/velocity}}  
#set($users = $xwiki.getUsers())  
#set($groupName = "XWiki.XWikiAllGroup")  
  
#foreach($user in $users)  
    #set($userDoc = $xwiki.getDocument($user.getDocumentReference()))  
    #set($isMember = $userDoc.isMember($groupName))  
  
    * **$user.getName()** -  
    #if($isMember)  
        Member of $groupName  
    #else  
        Not a member  
    #end  
#end  
{{/velocity}}
```

- Checks whether each user is a member of a group (like `XWikiAllGroup`).