

```
.BB0:  mov EAX, 1  
      cmp ESI, 31  
      jl .BB3  
      mov EAX, 3  
      cmp EDX, 14  
      jl .BB3  
      mov EAX, 13  
.BB3:  add EAX, EAX  
      inc EDI  
      jne .BB3  
      ret
```

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.BB0:  mov EAX, 1  
      cmp ESI, 31  
      jl .BB3  
      mov EAX, 3  
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      mov EAX, 13  
      

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      .BB3: add EAX, EAX  
      inc EDI  
      jne .BB3  
      ret
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.BB0: mov EAX, 1  
      cmp ESI, 31  
      jl .BB3

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      mov EAX, 3  
      cmp EDX, 14  
      jl .BB3

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      mov EAX, 13

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.BB3: add EAX, EAX  
      inc EDI  
      jne .BB3

---

      ret

.BB0: mov EAX, 1  
cmp ESI, 31  
jl .BB3

```
graph TD; BB0[".BB0: mov EAX, 1<br/>cmp ESI, 31<br/>jl .BB3"] --> BB3[".BB3: add EAX, EAX<br/>inc EDI<br/>jne .BB3"]; BB0 --> B1["mov EAX, 3<br/>cmp EDX, 14<br/>jl .BB3"]; B1 --> BB3; B1 --> B2["mov EAX, 13"]; B2 --> BB3; BB3 --> BB3; BB3 --> RET["ret"];
```

mov EAX, 3  
cmp EDX, 14  
jl .BB3

mov EAX, 13

.BB3: add EAX, EAX  
inc EDI  
jne .BB3

ret