

```
.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
```

```
.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
```

```
.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
```

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

```
      mov EAX, 3  
      cmp EDX, 14  
      jl  .BB3      BB1
```

```
      mov EAX, 13   BB2
```

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

```
      ret          BB4
```

