

Loops in C#

while

while

Code

```
Console.WriteLine("Who is invited?");
string p = Console.ReadLine();
int total = 0;
while( p!="" ){
    total++;
    p = Console.ReadLine();
}
Console.Write("You have invited ");
Console.Write(total);
Console.WriteLine(" people.");
```

Terminal

while

Code

```
Console.WriteLine("Who is invited?");
string p = Console.ReadLine();
int total = 0;
while( p!="" ){
    total++;
    p = Console.ReadLine();
}
Console.Write("You have invited ");
Console.Write(total);
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Terminal

while

Code

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Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
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}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?
```

while

string p:

Code

```
Console.WriteLine("Who is invited?");
string p = Console.ReadLine();
int total = 0;
while( p!="" ){
    total++;
    p = Console.ReadLine();
}
Console.Write("You have invited ");
Console.Write(total);
Console.WriteLine(" people.");
```

Terminal

Who is invited?

while

string p:

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
>
```

while

string p:

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```


while

```
string p: "Barry"
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 0
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 0
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 0
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵
```

while

```
string p: "Barry"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
>
```

while

```
string p: "Barry"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```


while

```
string p: "Sarah"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 1
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 2
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 2
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵
```

while

```
string p: "Sarah"  
int total: 2
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
>
```

while

```
string p: "Sarah"  
int total: 2
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
}  
Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵
```


while

```
string p: ""  
int total: 2
```

Code

```
Console.WriteLine("Who is invited?");  
string p = Console.ReadLine();  
int total = 0;  
while( p!="" ){  
    total++;  
    p = Console.ReadLine();  
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Console.Write("You have invited ");  
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```

Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵
```

while

```
string p: ""  
int total: 2
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Code

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Console.Write("You have invited ");  
Console.Write(total);  
Console.WriteLine(" people.");
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵
```

while

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string p: ""  
int total: 2
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵
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while

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string p: ""  
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited
```

while

```
string p: ""  
int total: 2
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited
```

while

```
string p: ""  
int total: 2
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Console.Write(total);  
Console.WriteLine(" people.");
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited 2
```

while

```
string p: ""  
int total: 2
```

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Console.WriteLine(" people.");
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited 2
```


while

```
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int total: 2
```

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Console.WriteLine(" people.");
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Terminal

```
Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited 2 people.
```

while

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int total: 2
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Terminal

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Who is invited?  
> Barry↵  
> Sarah↵  
> ↵  
You have invited 2 people.
```