**Testcase 1:**

tc1\_armyknights:

1

20 2 5 999 0

tc1\_events:

10

95 96 97 98 1 98 97 96 95 99

Output:

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=5;PhoenixI,PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:0;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=5;PhoenixI,PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=5;PhoenixI,PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=5;PhoenixI,PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixI,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

WIN

**Testcase 2:**

tc1\_armyknights:

1

500 5 0 899 0

tc1\_events:

6

1 95 96 97 98 99

Output:

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:0;LancelotSpear:0;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:0;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:0

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 1;[Knight:id:1,hp:500,maxhp:500,level:5,gil:999,Bag[count=0;],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

WIN

**Testcase3:**

tc1\_armyknights:

2

100 3 3 100 0

20 2 3 700 1

tc1\_events:

10

95 96 97 7 1 98 112 113 114 99

Output:

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:700,Bag[count=4;Antidote,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:0;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:700,Bag[count=4;Antidote,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:0;ExcaliburSword:0

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:700,Bag[count=4;Antidote,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:0

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;Antidote,PhoenixI,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:0

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=3;Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:0

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=3;Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=4;PhoenixII,Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=5;PhoenixIII,PhoenixII,Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=6;PhoenixIV,PhoenixIII,PhoenixII,Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

No. knights: 2;[Knight:id:2,hp:20,maxhp:20,level:2,gil:999,Bag[count=6;PhoenixIV,PhoenixIII,PhoenixII,Antidote,PhoenixI,PhoenixI],knight\_type:NORMAL];PaladinShield:1;LancelotSpear:1;GuinevereHair:1;ExcaliburSword:1

--------------------------------------------------

WIN