Tracing Algorithms

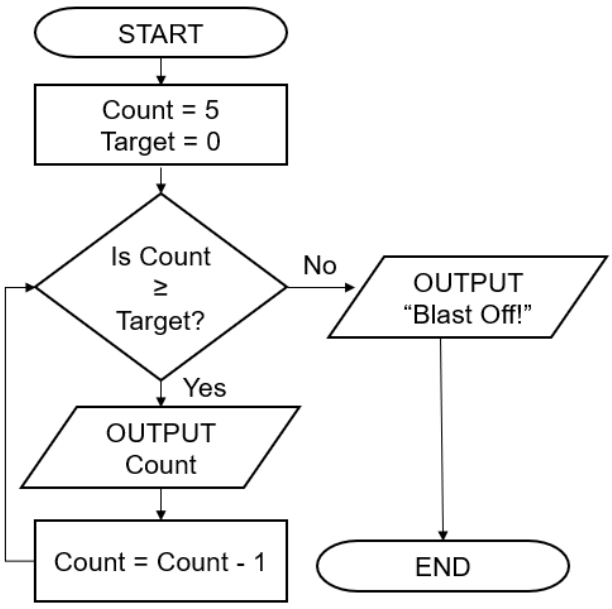
1. Complete the trace table for algorithm shown below. (4)

```
Start ← 1
End ← 4

FOR Index ← Start TO End
     OUTPUT Index*Index
ENDFOR
```

Start	End	Index	Output

2. Complete the trace table for algorithm shown below. (3)



Count	Target	Output

3. Complete the trace table for algorithm shown below. (5)

```
Answers ← [TRUE,TRUE,FALSE,FALSE,TRUE]
Responses ← [TRUE,FALSE,TRUE,FALSE,TRUE]

i ← 0
Score ← 0
Len ← LEN(Answers)

WHILE i < Len DO
     IF Answers[i] = Responses[i] THEN
          Score ← Score + 1
     END IF
     i ← i + 1
ENDWHILE
```

i	Score	Len	Answers[i]	Responses[i]

