

Q) {
ABCDEDCBA
ABCD DCBA
ABCCBA
ABBA
AA

inc. order A → chov.
*
dec. order es. C D C B A.
#

rows →

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|----|
| 1 | * | * | * | * | * | # | # | # | # | # |
| 2 | * | * | * | * | # | # | # | # | | |
| 3 | * | * | * | # | # | # | | | | |
| 4 | * | * | # | # | | | | | | |
| 5 | * | # | | | | | | | | |

e, h)

Identify the tasks.
print *, #

lines = 5, total cols = 10.

1) Star.

| row no. | stars | hash h. |
|---------|-------|---------|
| 1 | 5 | 5 |
| 2 | 4 | 4 |
| 3 | 3 | 3 |
| 4 | 2 | 2 |
| 5 | 1 | 1 |

In each row (r)
stars = lines + 1 - rowno. = hash.

ch = 'A'

for (r = 1; r <= lines; r++)

stars / inc order. {
ch = 'A';
for (star = lines + 1 - r;
star > 0; star--)

{
cout << ch
ch++;
// ch = ch + 1
↓
65 + 1 = 66
'B'

ch--;
i = 1 hash = lines + 1 - r; hash > 0;
hash--)

ABCDE
ch → F

5

dec.
order

```
ch--;  
for (int hash = i + 1 - r; hash > 0; hash--)  
{  
    cout << ch;  
    ch--;  
}  
endl;  
}
```