1.) The output of this program is:

1 2 4 8 16 32 64 128

```
Cubers\Ideapad Lenovo\Desktop>.\as1

Cubers\Ideapad Lenovo\Desktop>.\as1
```

2.) The do while conditional statement is not equivalent to the while and for conditional statements.

```
The Economic Control of the Grant See Grant South Depart Performance (1990)

***First Lands Control of the Grant See Grant South Depart Performance (1990)

***First Lands Control of the Grant See Grant South See Grant Se
```

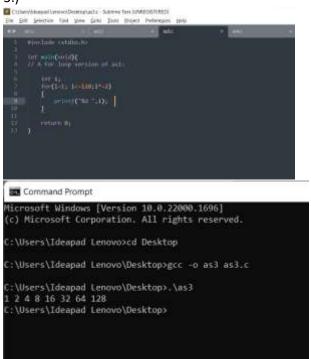
```
Microsoft Windows [Version 10.0.22000.1696]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ideapad Lenovo\cdot Desktop

C:\Users\Ideapad Lenovo\Desktop>gcc -o as2 as2.c

C:\Users\Ideapad Lenovo\Desktop>.\as2
```

3.)



4.)

```
Chiberothiques Lamprothisterplaster - Submerten (JARDOSTERD)

Bie Ein Sekratio Fant Wen Gran John Dojent Mellengen (Jahr)
                                                                                                                                                                                                                                    - a ×
        // Journ of 3;
pref. new 1;
new 1;
while (new 10)( // newform of 3x (t = me 3, 2 = me 3x, ... 10 = tem 3x)
prove rule "-3; // [])new _new f 2;
the = 1; // [])new _new f 1;

// // orief the computations
prints ("Add to" new, power_new);
prints ("Add to" new, power_new);
prints ("Add to" new, power_new);
}
  Command Prompt
Microsoft Windows [Version 10.0.22000.1696]
(c) Microsoft Corporation. All rights reserved.
  ::\Users\Ideapad Lenovo>cd Desktop
   :\Users\Ideapad Lenovo\Desktop>gcc -o as4 as4.c
 C:\Users\Ideapad Lenovo\Desktop>.\as4
TABLE OF POWERS OF TWO
            2 to the n
1 2 3 4 5 6 7 8 9 10
   :\Users\Ideapad Lenovo\Desktop>_
```

```
Citizen Adequat Lamerol Destroption ( - Summer Sec Oxyktom Telletti
Bile Epit Selection Fund Mein Gallo Sook Droject Preferences appli
                                                                                                                                                                                                                                         - a ×
               (7) If the days are greater than 10 or less than 20, report with the value is white ((days > 11 || days > 10)));
printy((less)) databry); // full the most that it is an invalid data printy(Third reader of days in whether (v/));
unity(Third, Salays);
               // If the starting day is greater than 7 or loss than or equal to E. remeat would the outse is correct
wills ((starting day > 2 |) starting day <= 0))(
    print(( 'lossife' data)('))
    print(( 'lossife' data)('))
    print('Chir', the starting day of (be week (1 - 5on, 7 - 5ot)) '];
    conf('be', letarting day),)</pre>
               Command Prompt
 Microsoft Windows [Version 10.0.22000.1696]
(c) Microsoft Corporation. All rights reserved.
  ::\Users\Ideapad Lenovo>cd Desktop
   :\Users\Ideapad Lenovo\Desktop>gcc -o as5 as5.c
 C:\Users\Ideapad Lenovo\Desktop>.\as5
Enter number of days in month:
 Enter the starting day of the week (1 - Sun, 7 - Sat): 7
   2 3 4 5 6 7 8
9 10 11 12 13 14 15
   16 17 18 19 20 21 22
   23 24 25 26 27 28 29
```

```
6.)
bool pathway [8] ={ [0] = true, [2] = true }
bool pathway[8] = {true, false, true};
```

7.)

```
The first behavior the basis when Goto Soon Propert Performents living

| Column Column | Column Col
```

```
Command Prompt
                                        8
          8
田上
Which point are you located? 0 - A, 1 - B, 2 - C, 3 - D, 4 - E, 5 - F, 6 - G, 7 - H
At point: D
D is a charging station
 :\Users\Ideapad Lenovo\Desktop>.\as7
          b [c] [d]
[c]
[d]
日
                    0
Which point are you located? 0 - A, 1 - B, 2 - C, 3 - D, 4 - E, 5 - F, 6 - G, 7 - H
point: D arrived to charging station
Command Prompt
              [c] [d]
                                   80 00
```

```
C:\Users\Ideapad Lenovo\Desktop>.\as7

a b [c] [d] e f g h

a 1 1 8 8 8 1 8 8

b 1 1 1 9 8 8 1 8 8

c] 0 1 1 0 1 0 0 0

c] 0 1 1 0 1 1 0 0 0

e 0 0 0 1 1 0 0 0

f 1 0 1 0 0 1 0 0

g 1 0 0 1 0 0 1 0

h 0 0 0 0 1 0 1

Which point are you located? 0 - A, 1 - B, 2 - C, 3 - D, 4 - E, 5 - F, 6 - G, 7 - H

S

At point: C arrived to charging station

C:\Users\Ideapad Lenovo\Desktop>
```