

Q1.

```
/* C program */
```

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main()
```

```
{
```

```
    int i, j, n;
```

```
    float fact = 1, sum = 0, div;
```

```
    for (i = 1; i <= 7; i++)
```

```
    {
```

```
        fact = 1;
```

```
        for (j = 1; j <= i; j++)
```

```
        {
```

```
            fact *= j;
```

```
        }
```

```
        div = i / fact;
```

```
        sum += div;
```

```
    }
```

```
    printf (" \n sum of first seven terms: \n", sum);
```

```
    getch();
```

```
}
```