<b>University Number:</b>	
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## ENGG1111 – Quiz 2016/2017 Part B

B1 (4 marks):

Fill in the body of the function below. The function should output all pairs of distinct indices in the array a for which the sum equals S. The number of elements in the array a is given by length. Note that the function should output all pair of indices and a pair should appear once only and be displayed with smallest index first.

After you have implemented the function correctly, it will output

```
(0,3)(1,1)(1,2)(2,2)(3,4)(5,6)
```

for the function call

```
int a[] = {2, 4, 4, 6, 2, 8, 0}; f(8, a, 7);
```

```
void f(int s, int a[], int length) {
   //Your code here
}
```

	Part B Marks	/ &		
}				
void f2(string s)	{			
1				
01 -21				
will output				
f2("12 34 32 10"); f2("3 4 -12"); f2("-1");	;			
After you have implement	nted the function correctly,	, the following function ca	alls	
Fill in the body of the function below. The function will output the <i>reverse digits</i> of the last number in the given string S. You may assume that S only contains integers separated by a space and that S contains at least one integer.				
B2 (4 marks):				

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