C LIBRARY FUNCTION - STRCAT

Description

The C library function **char *strcat***char * dest, constchar * src* appends the string pointed to by **src** to the end of the string pointed to by **dest**.

Declaration

Following is the declaration for strcat function.

```
char *strcat(char *dest, const char *src)
```

Parameters

- **dest** -- This is pointer to the destination array, which should contain a C string, and should be large enough to contain the concatenated resulting string.

- **src** -- This is the string to be appended. This should not overlap the destination.

Return Value

This function returns a pointer to the resulting string dest.

Example

The following example shows the usage of strcat function.

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

int main ()
{
   char src[50], dest[50];

   strcpy(src,  "This is source");
   strcpy(dest, "This is destination");

   strcat(dest, src);

   printf("Final destination string : |%s|", dest);

   return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
Final destination string : |This is destinationThis is source|
```

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