

```
pragma SPARK_Mode (On);
```

```
with fuel;  
use fuel;
```

```
procedure Main  
is  
begin  
  Init;  
  loop  
    pragma Loop_Invariant (ISS (FFS) AND ISS2 (FFS) AND ISS3 (FFS));  
    RF;  
    MFS;  
    PS;  
  end loop;  
end Main;
```