

```
CREATE OR REPLACE PACKAGE hospital_management AS
    FUNCTION check_todays_appointment(p_patient_name IN VARCHAR2) RETURN
    VARCHAR2;
```

```
    FUNCTION generate_patient_id RETURN NUMBER;
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```
    FUNCTION get_next_contact_id RETURN NUMBER;
```

```
    FUNCTION get_next_patient_dependent_id RETURN NUMBER;
```

```
    PROCEDURE insert_patient_details(
        p_first_name IN VARCHAR2,
        p_middle_name IN VARCHAR2,
        p_last_name IN VARCHAR2,
        p_date_of_birth IN DATE,
        p_gender IN VARCHAR2,
        p_blood_group IN VARCHAR2,
        p_source_payment IN VARCHAR2,
        p_telephone IN VARCHAR2,
        p_address_line1 IN VARCHAR2,
        p_address_line2 IN VARCHAR2,
        p_area_name IN VARCHAR2,
        p_dependent_first_name IN VARCHAR2,
        p_dependent_middle_name IN VARCHAR2,
        p_dependent_last_name IN VARCHAR2,
        p_dependent_address_line1 IN VARCHAR2,
        p_dependent_address_line2 IN VARCHAR2,
        p_dependent_area_name IN VARCHAR2,
        p_dependent_telephone IN VARCHAR2
    );
```

```
    PROCEDURE display_patient_details(p_patient_name IN VARCHAR2);
```

```
END hospital_management;
```